

FIG.1

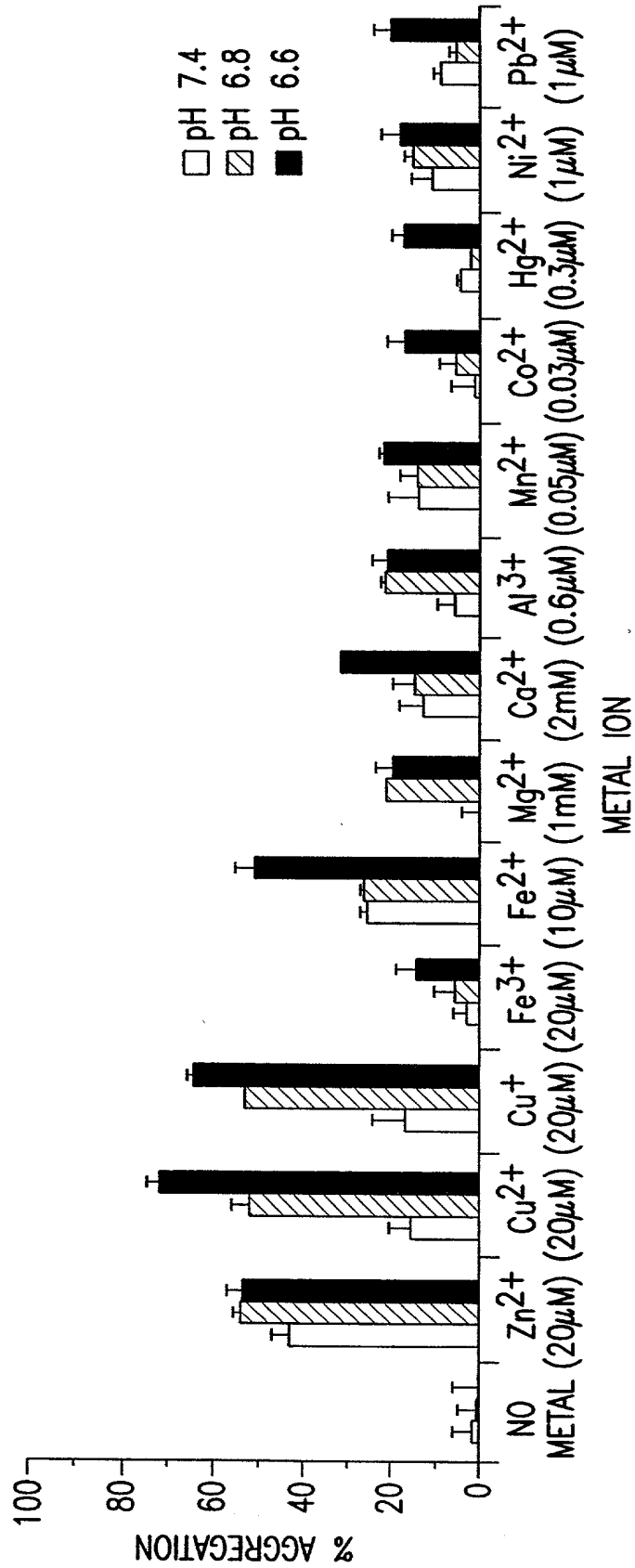
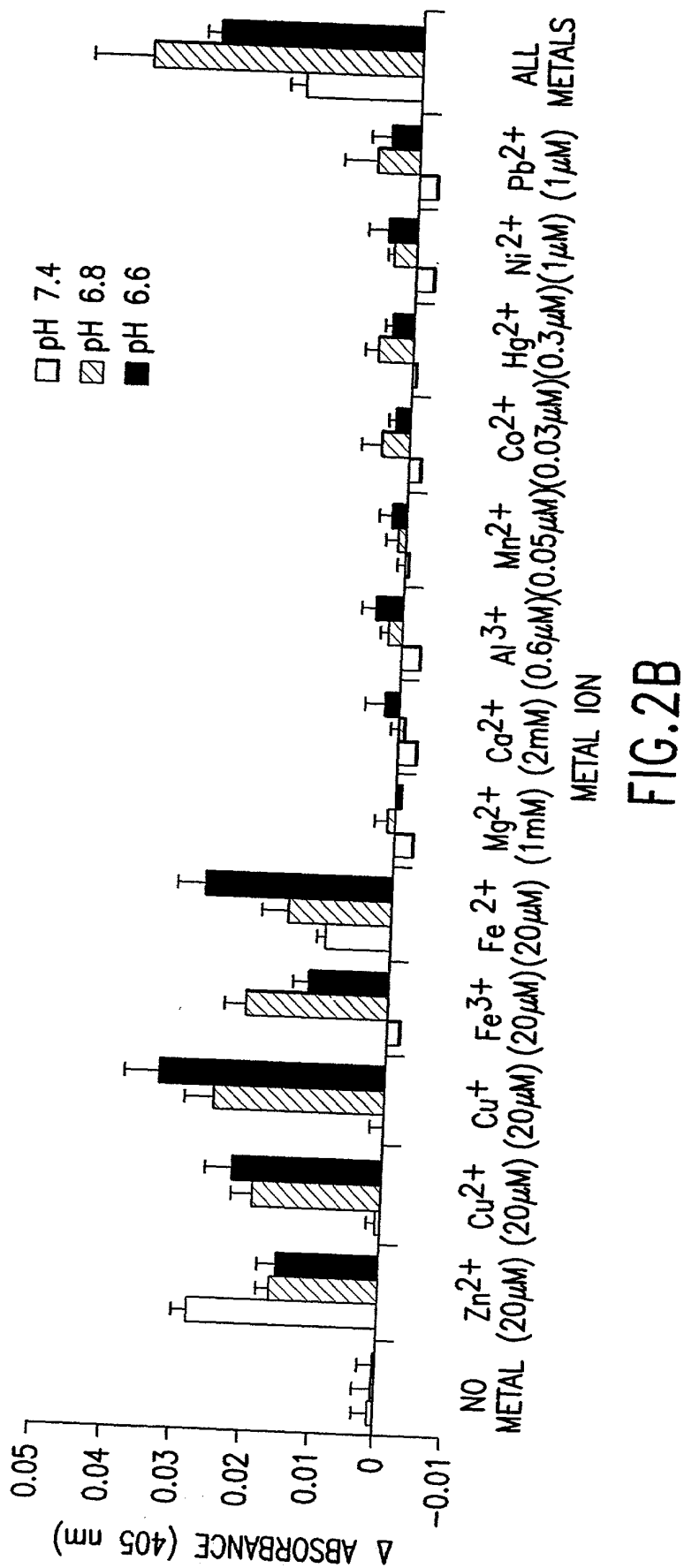


FIG.2A



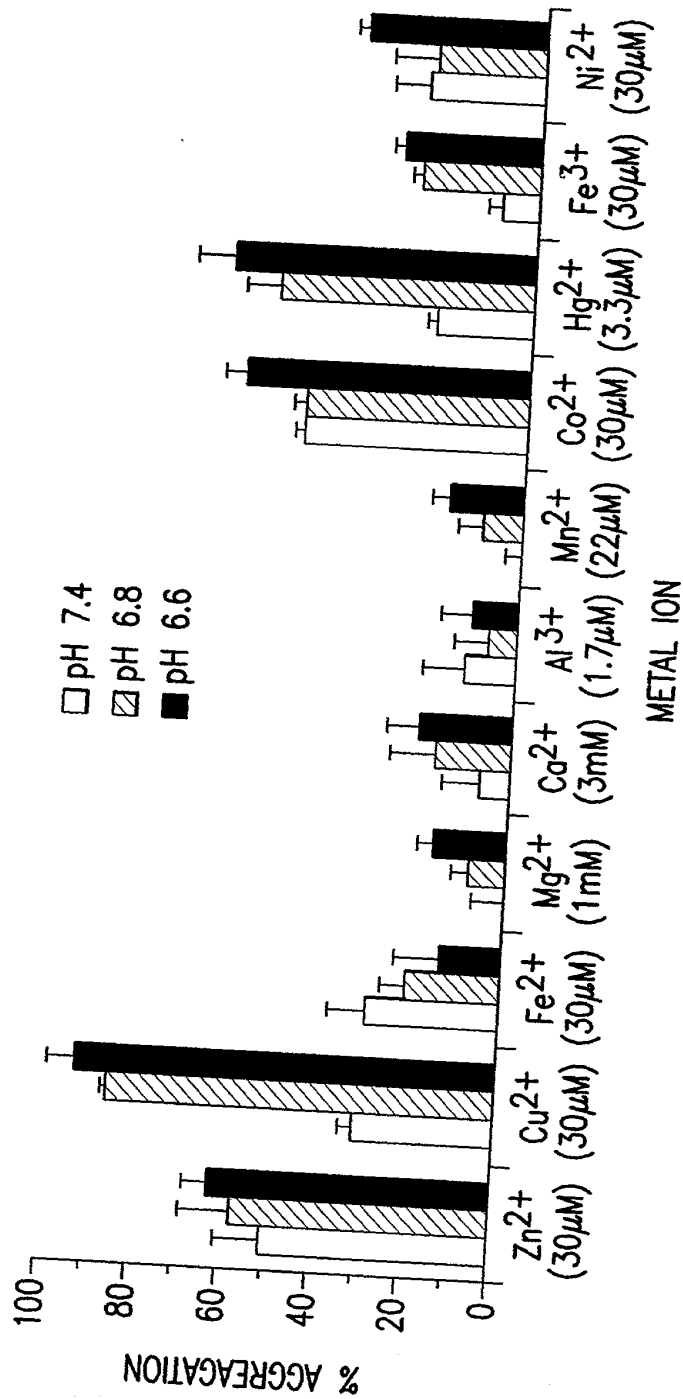


FIG.2C

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

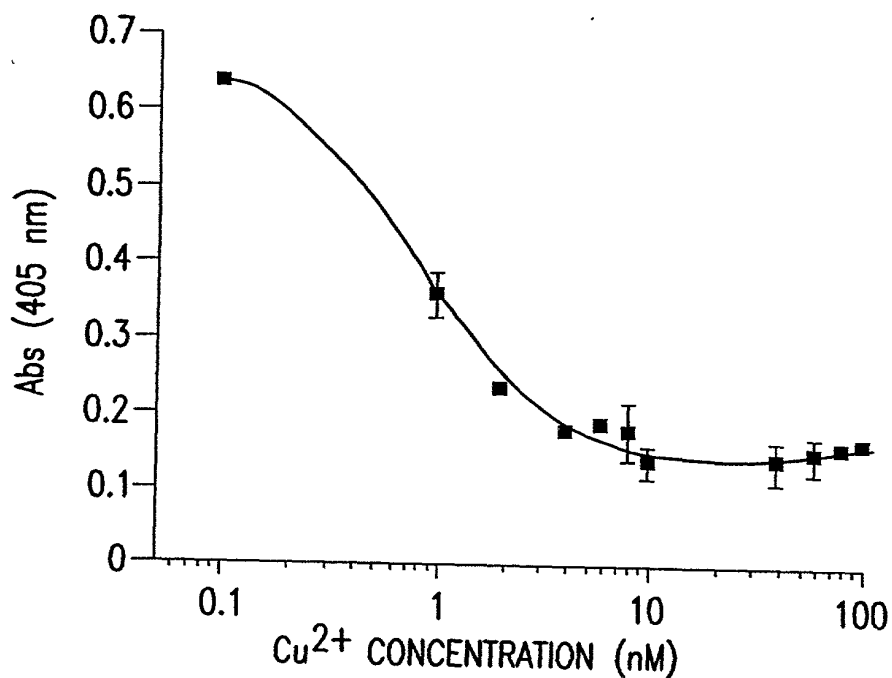


FIG.3

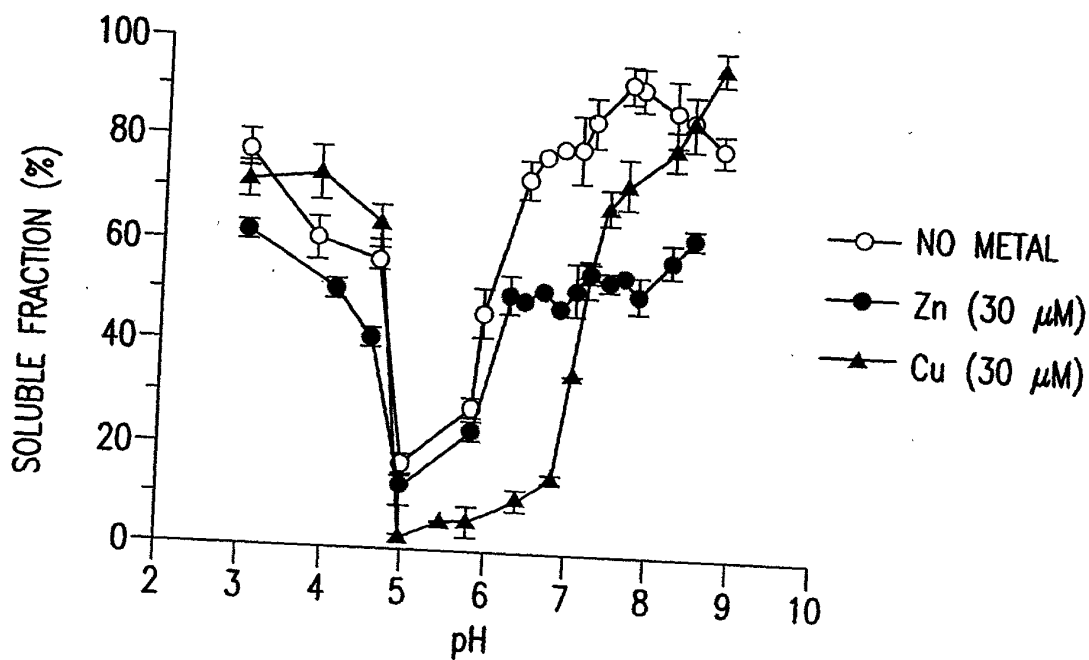


FIG. 4A

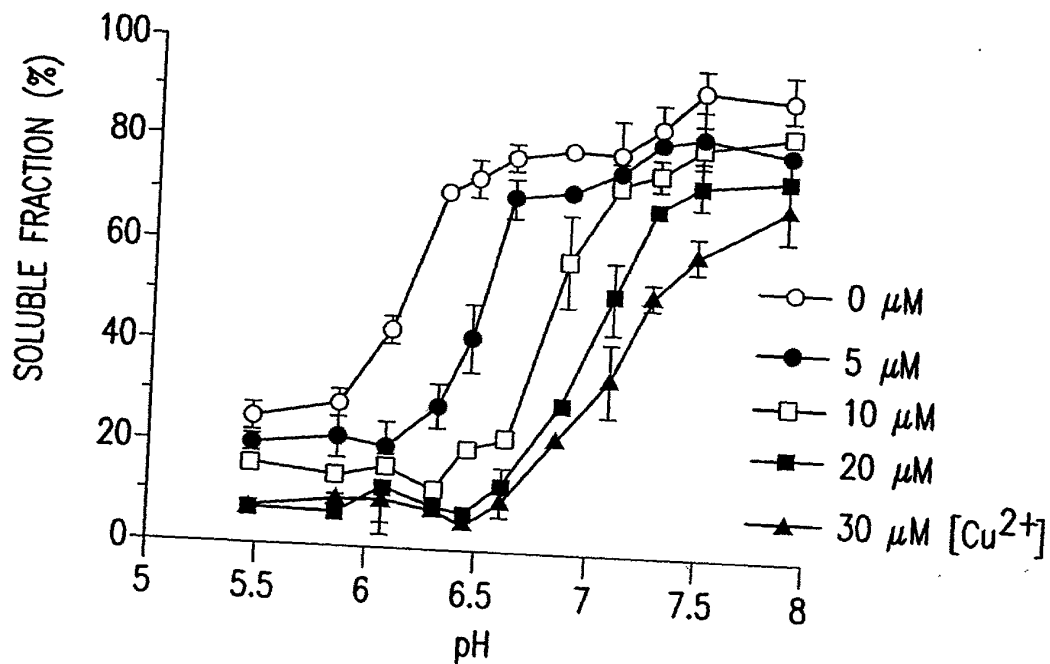


FIG. 4B

206070-08695660

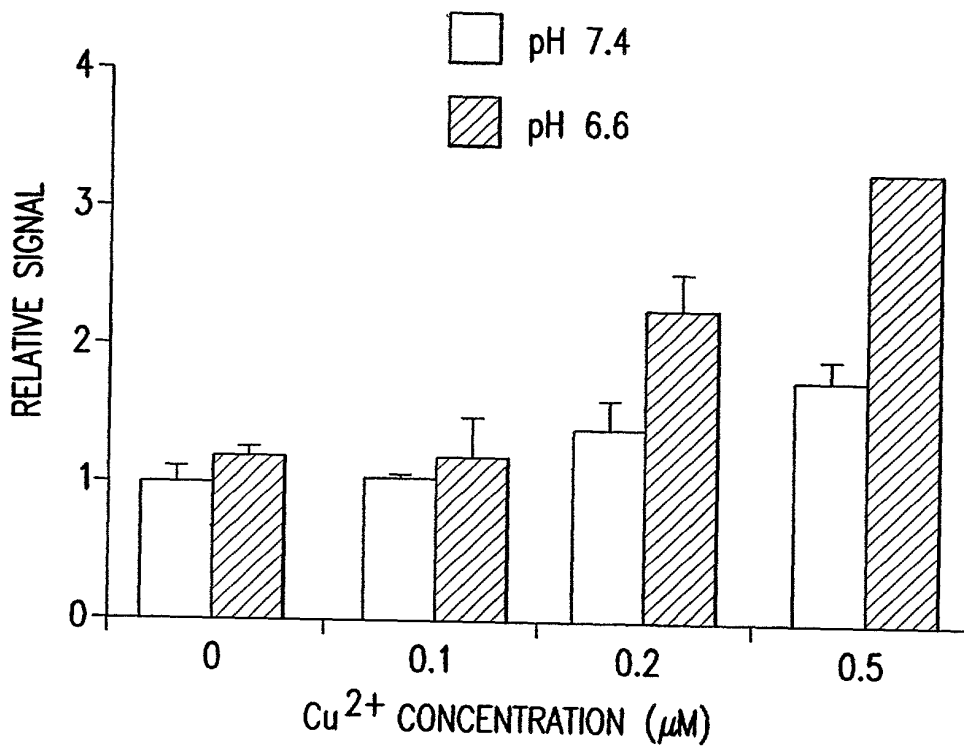


FIG.4C

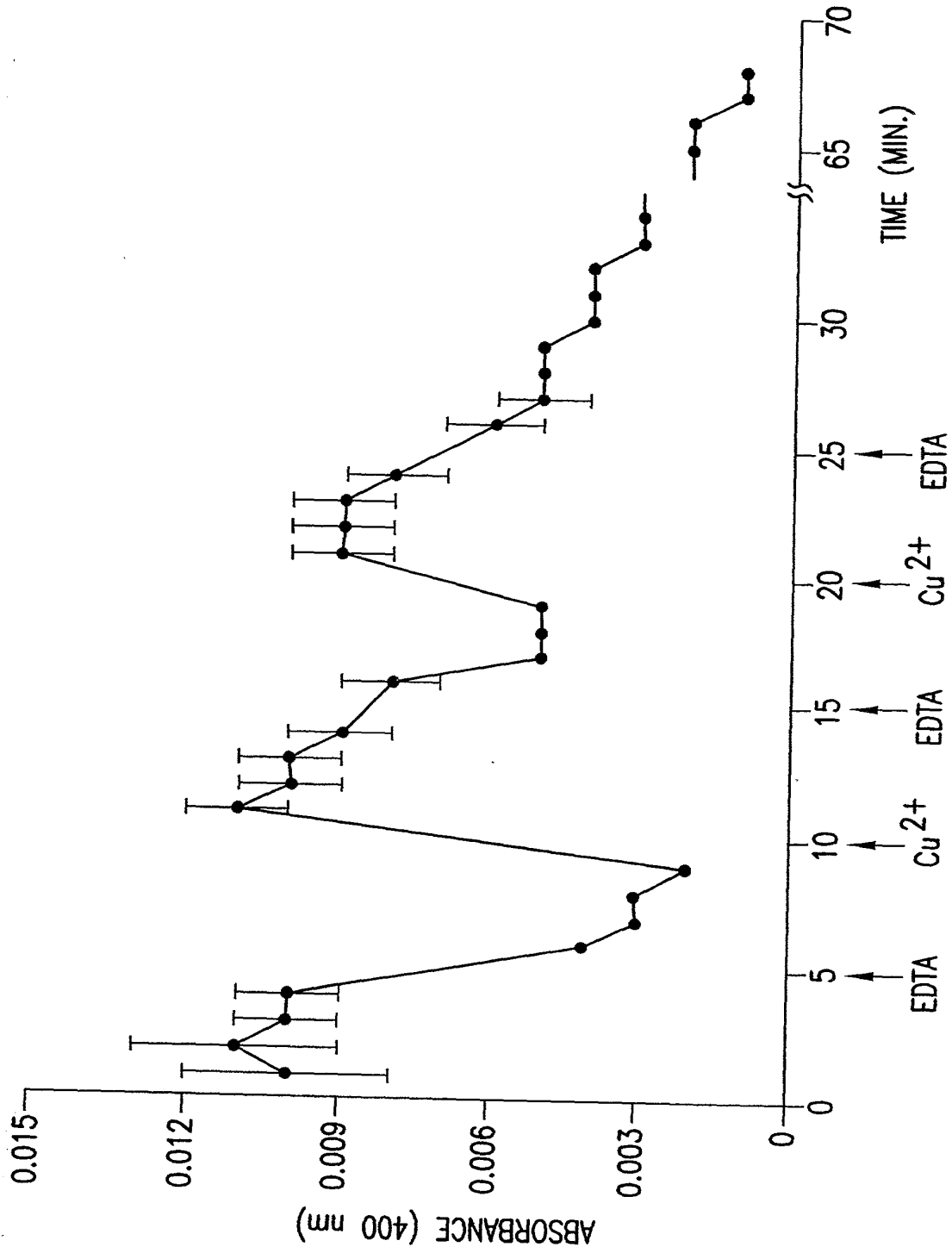


FIG.5A

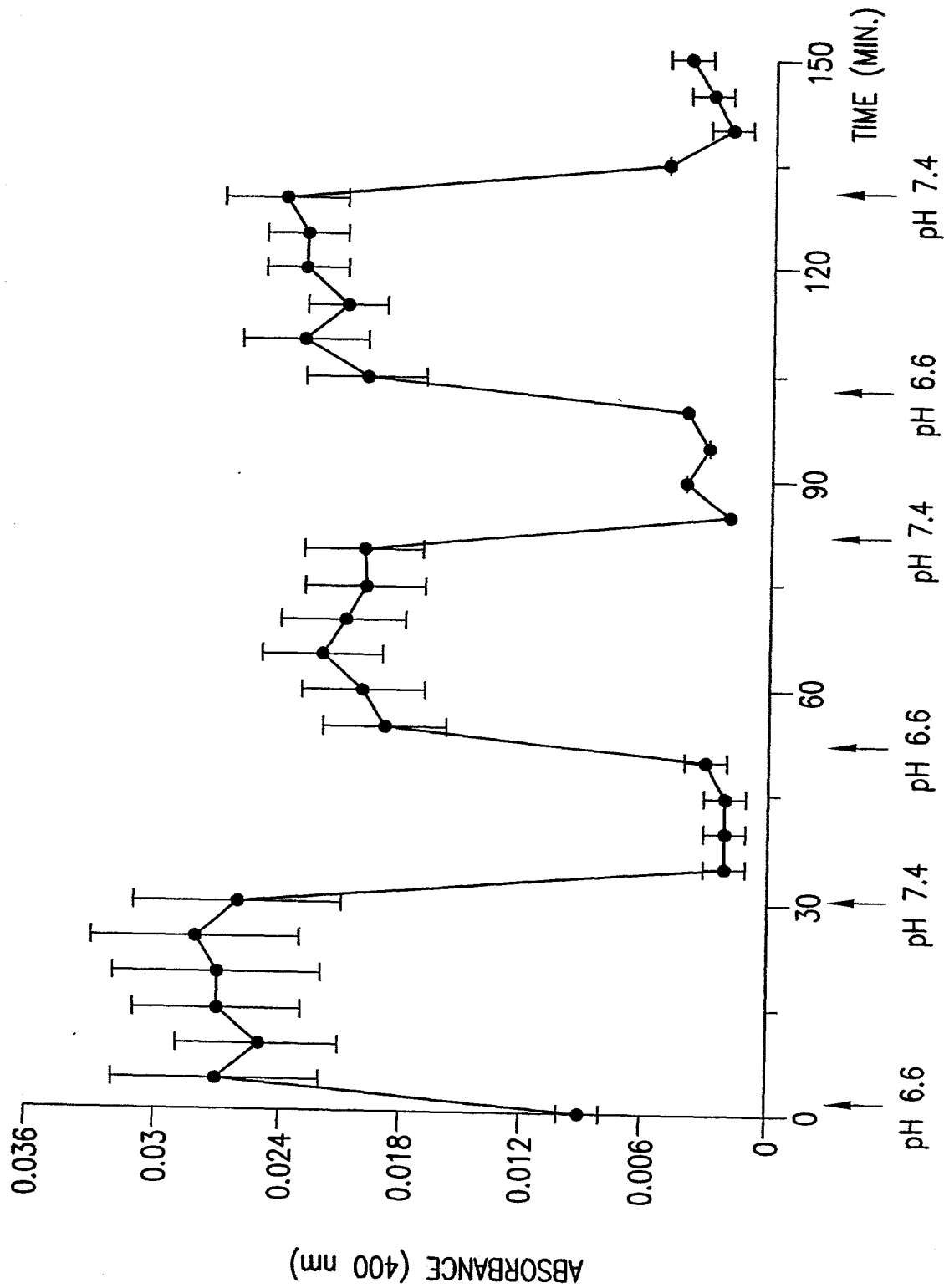


FIG.5B

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

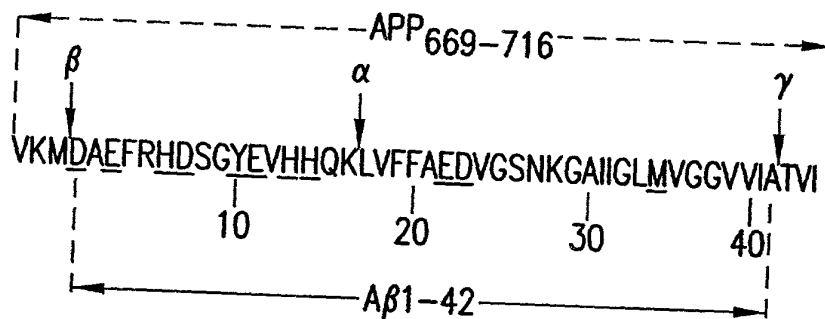


FIG.6

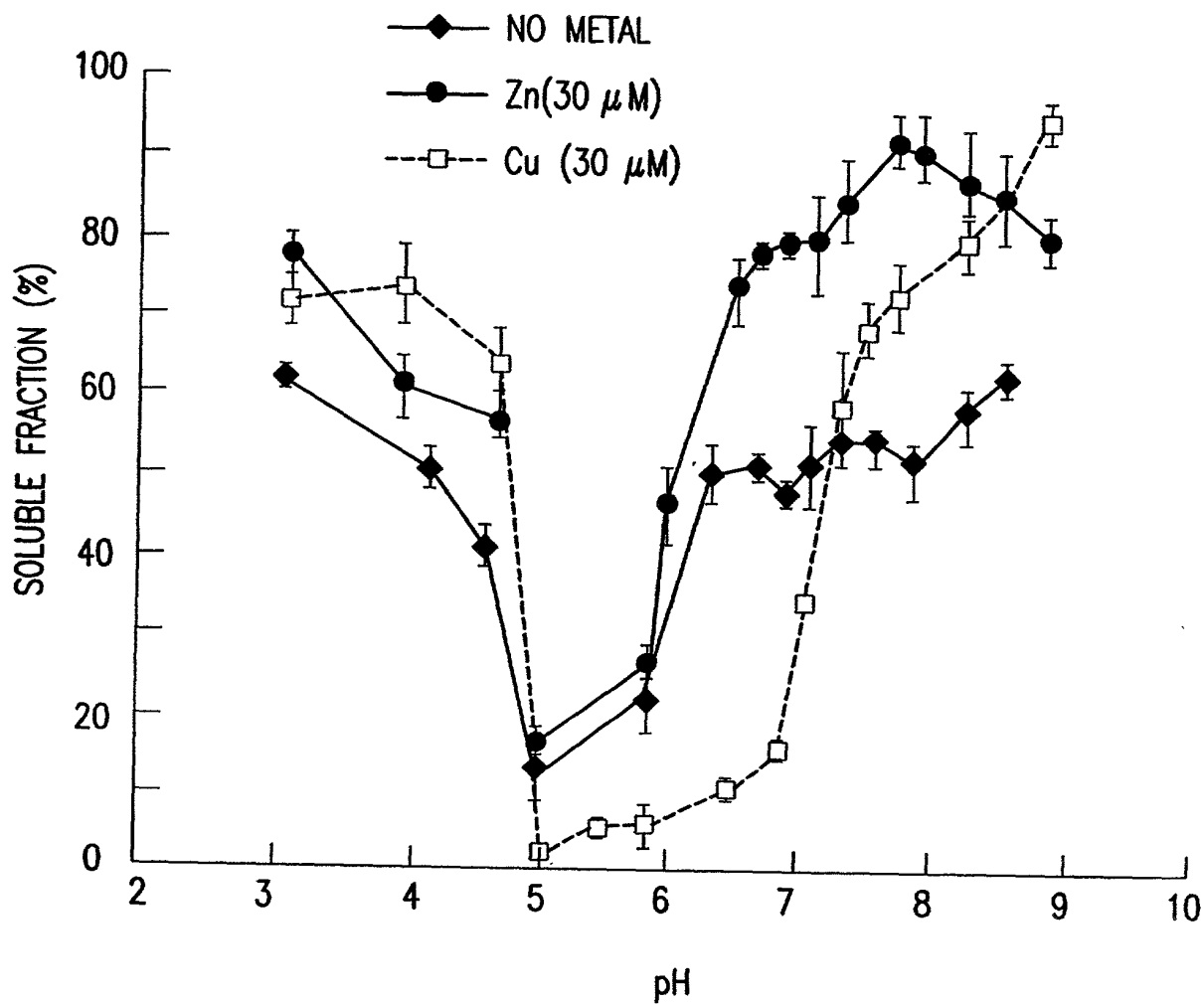


FIG.7

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease

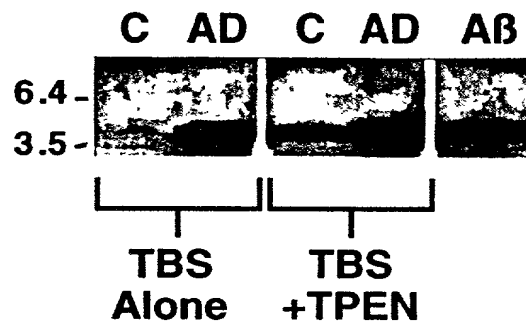


FIG.8

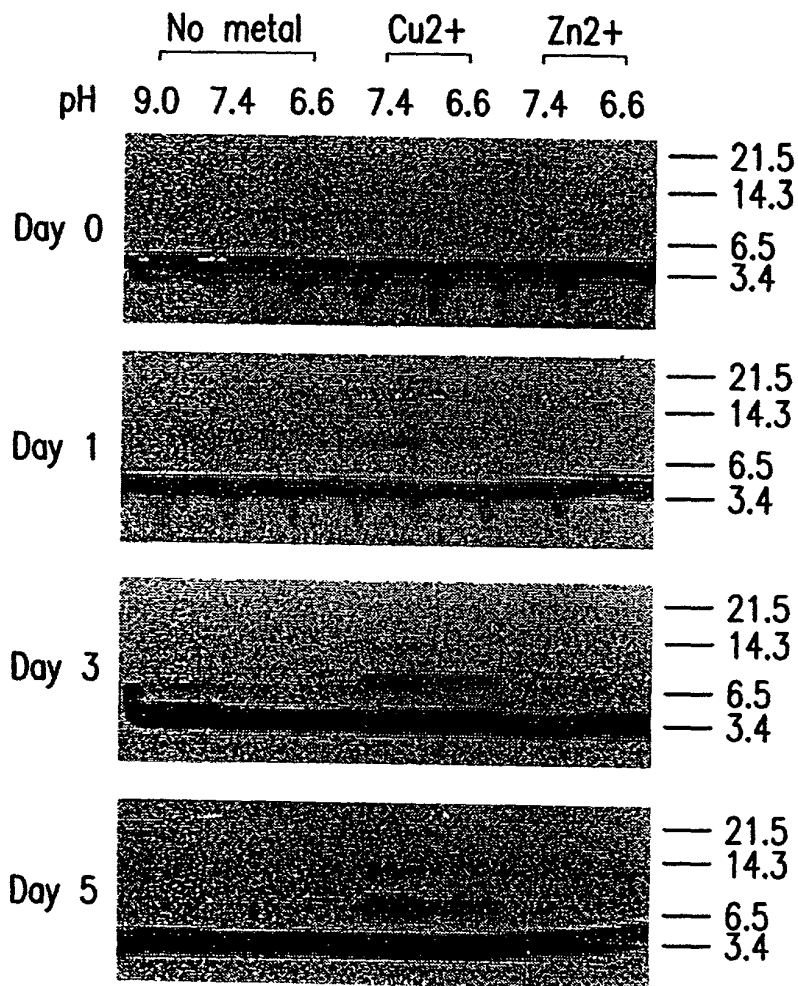


FIG.9

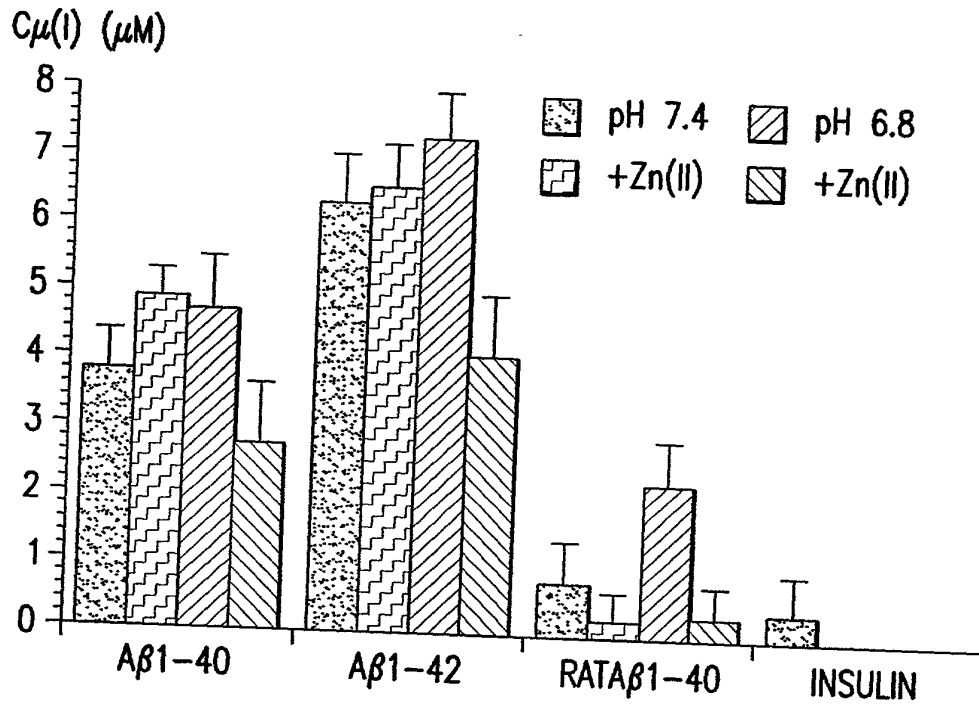


FIG.10

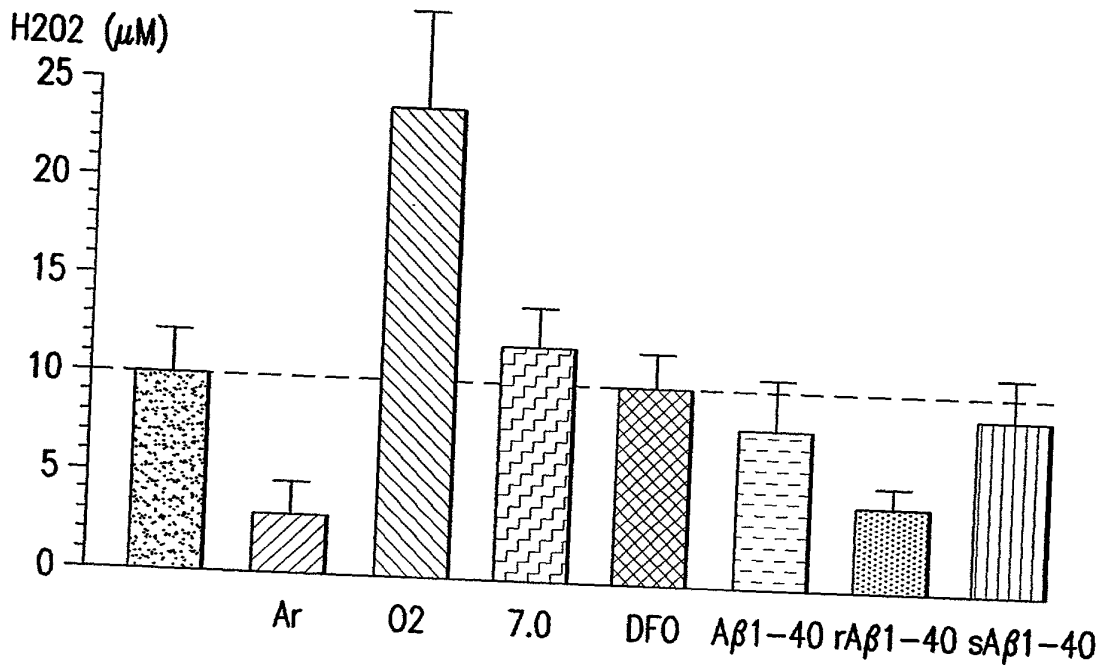


FIG.11

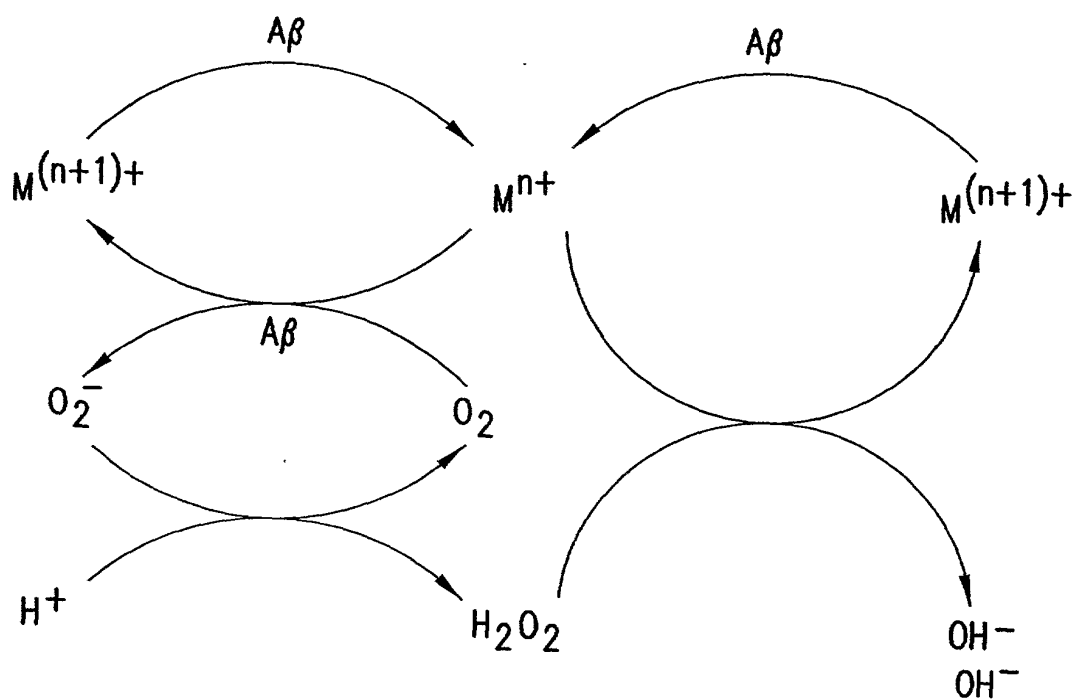


FIG.12

206070-0869560

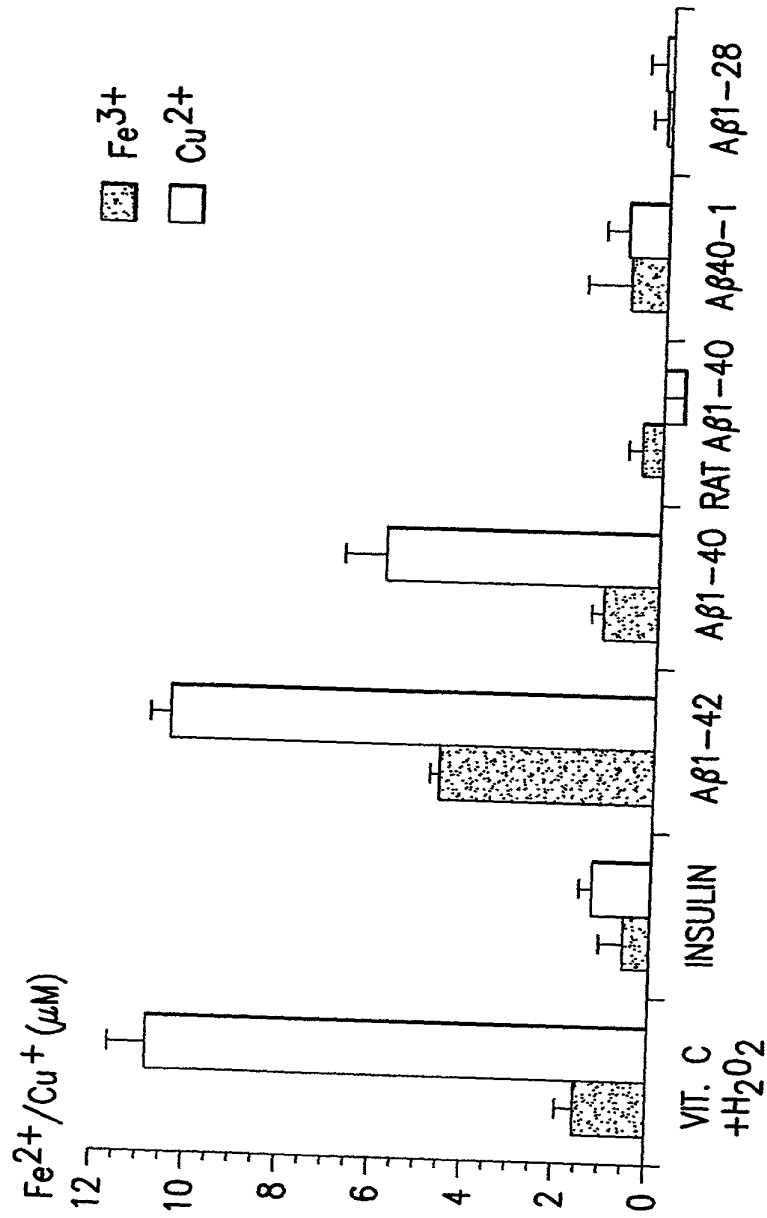


FIG.13A

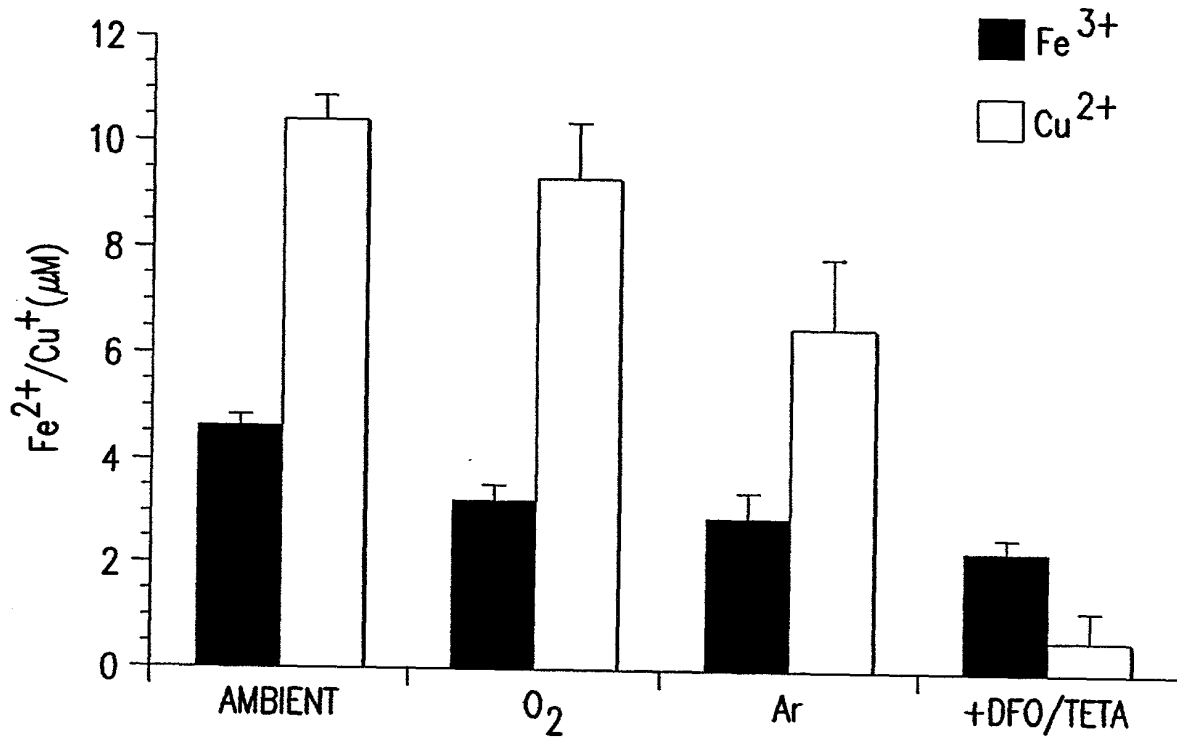


FIG. 13B

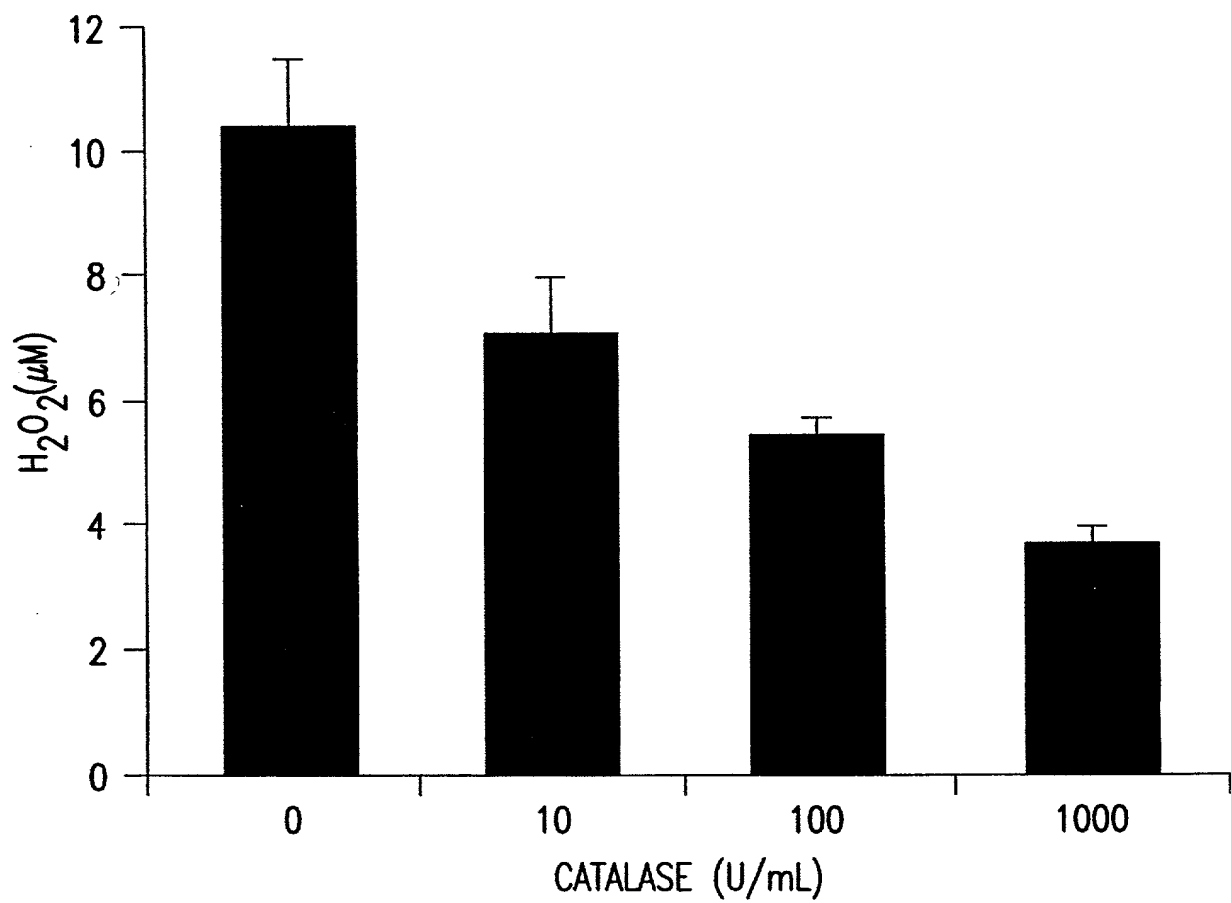


FIG. 14A

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

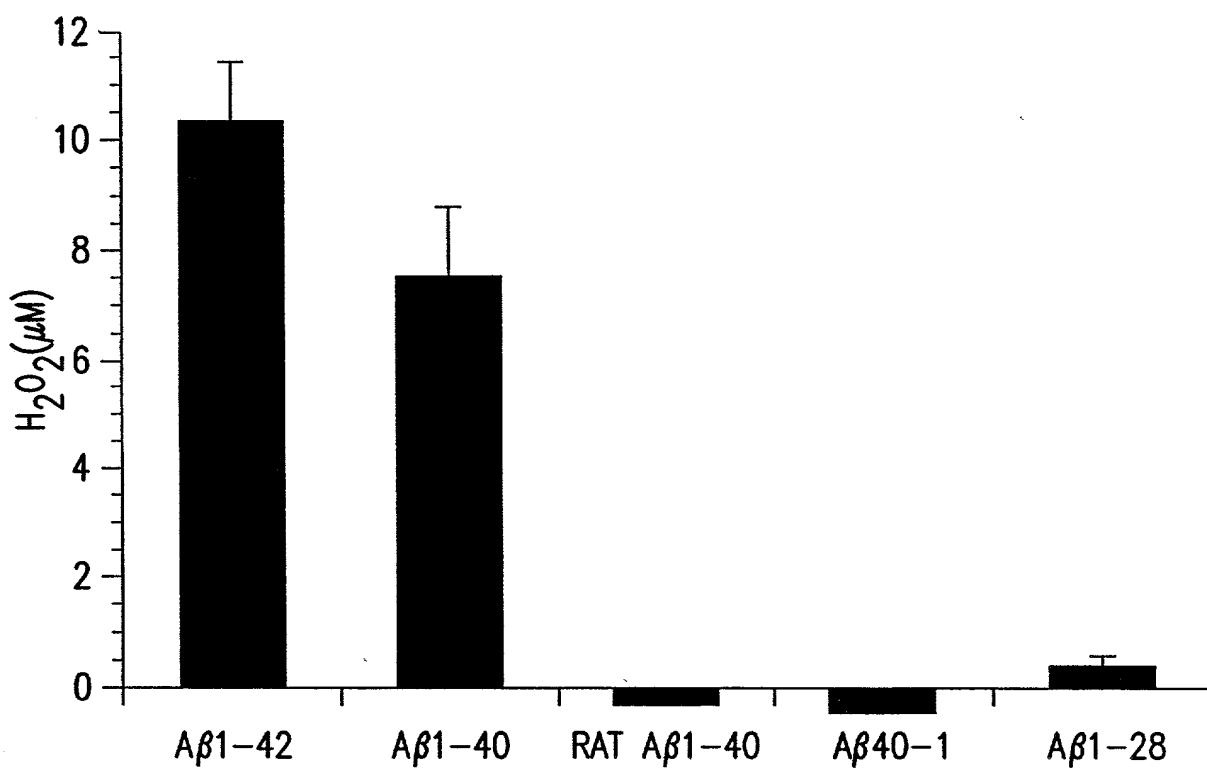


FIG. 14B

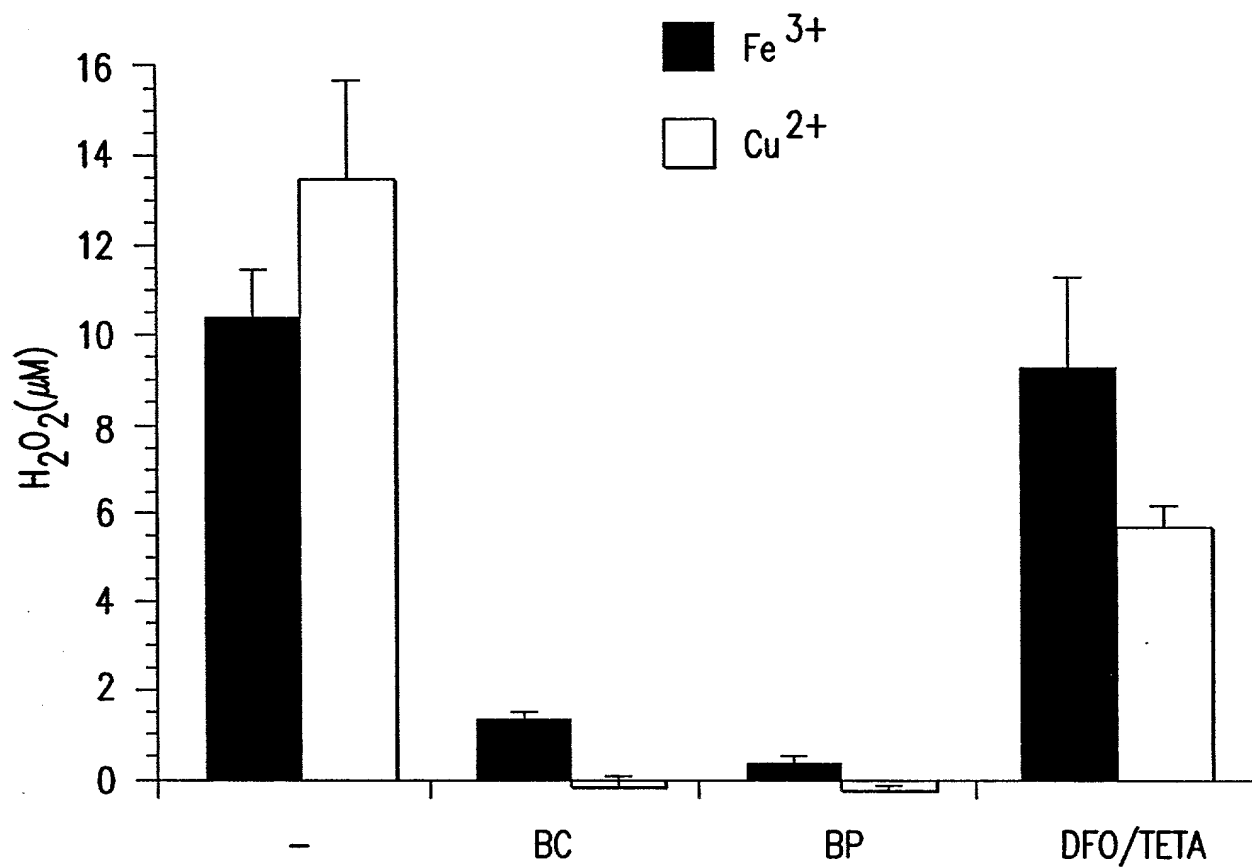


FIG. 14C

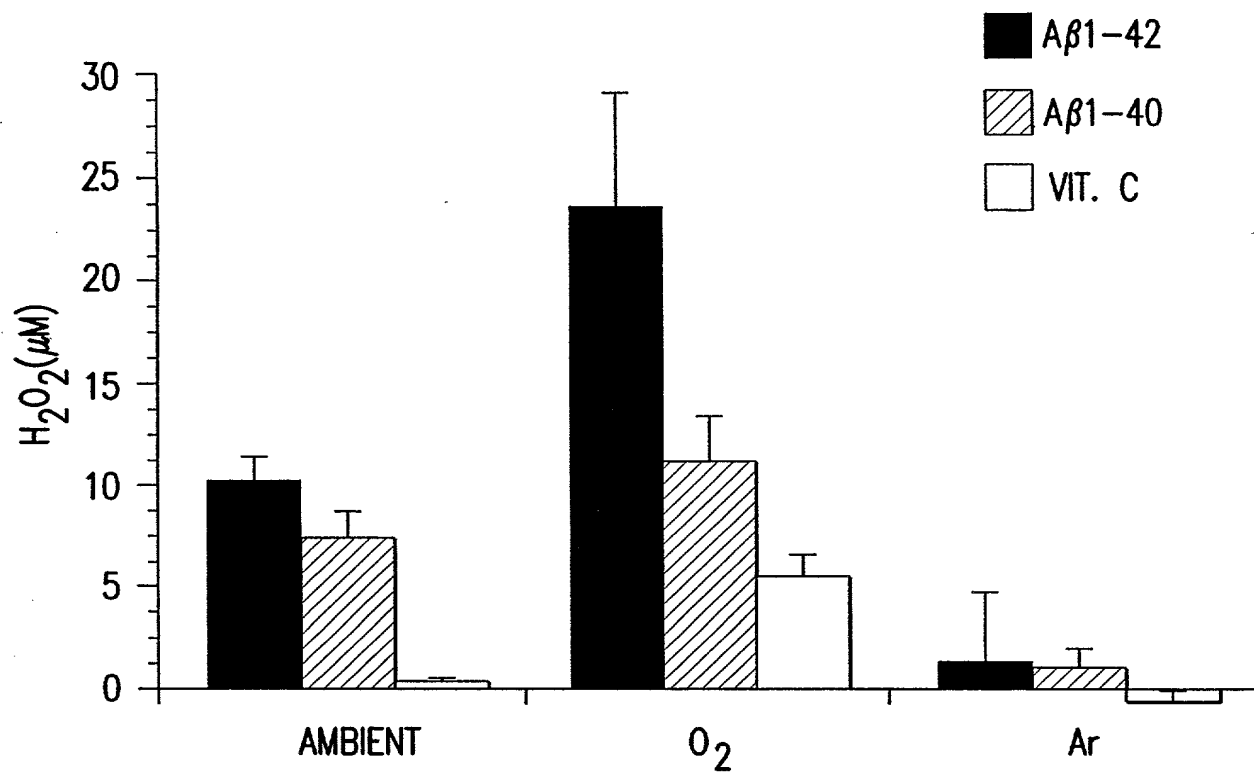


FIG. 14D

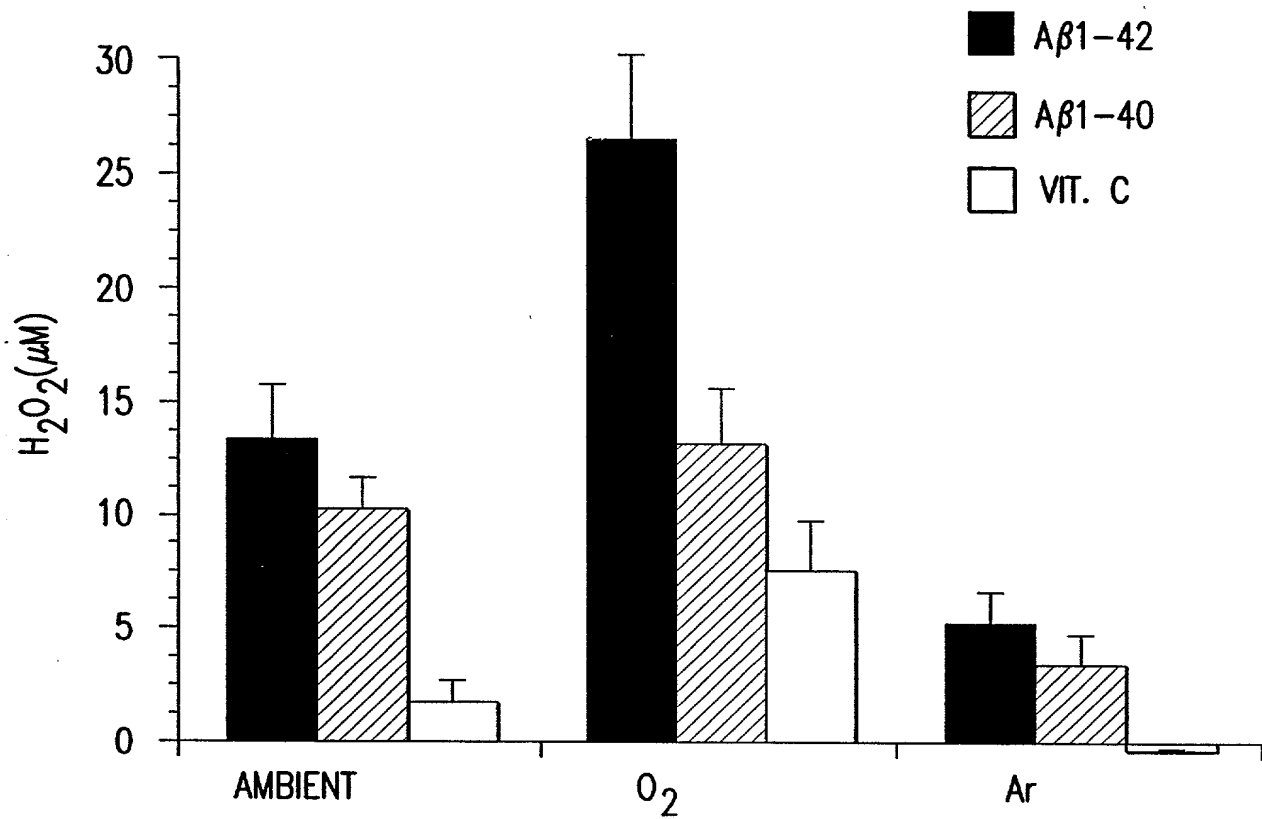


FIG. 14E

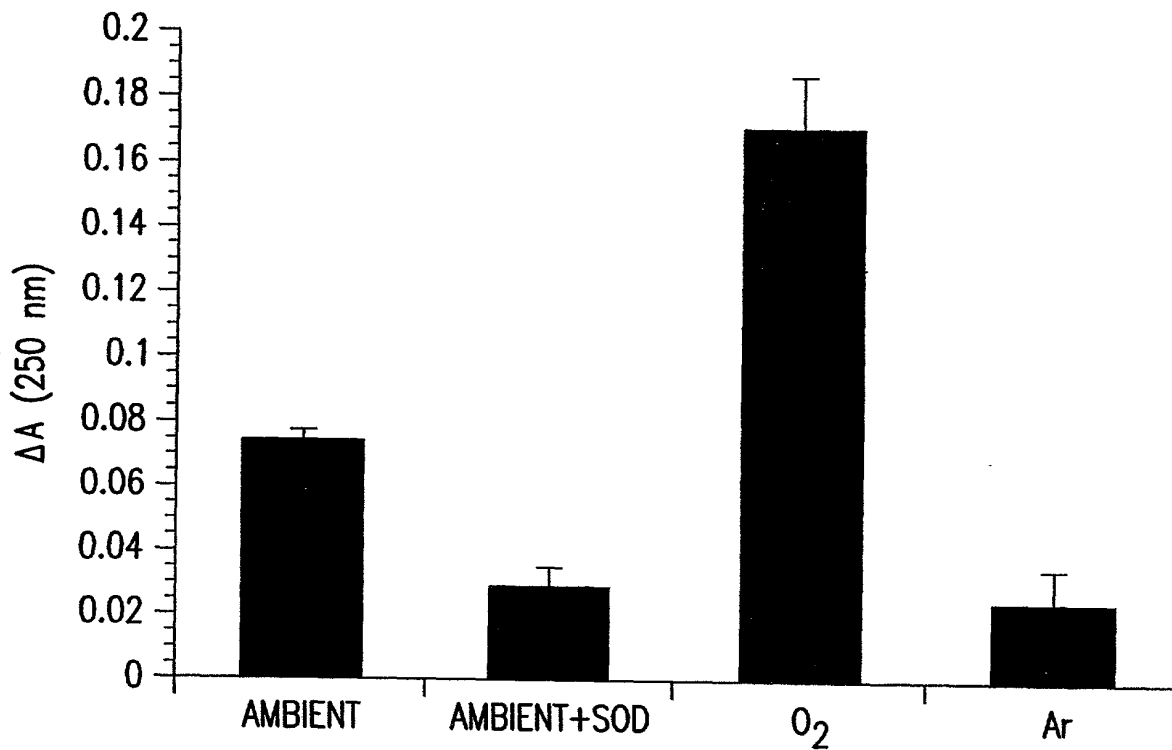


FIG. 15A

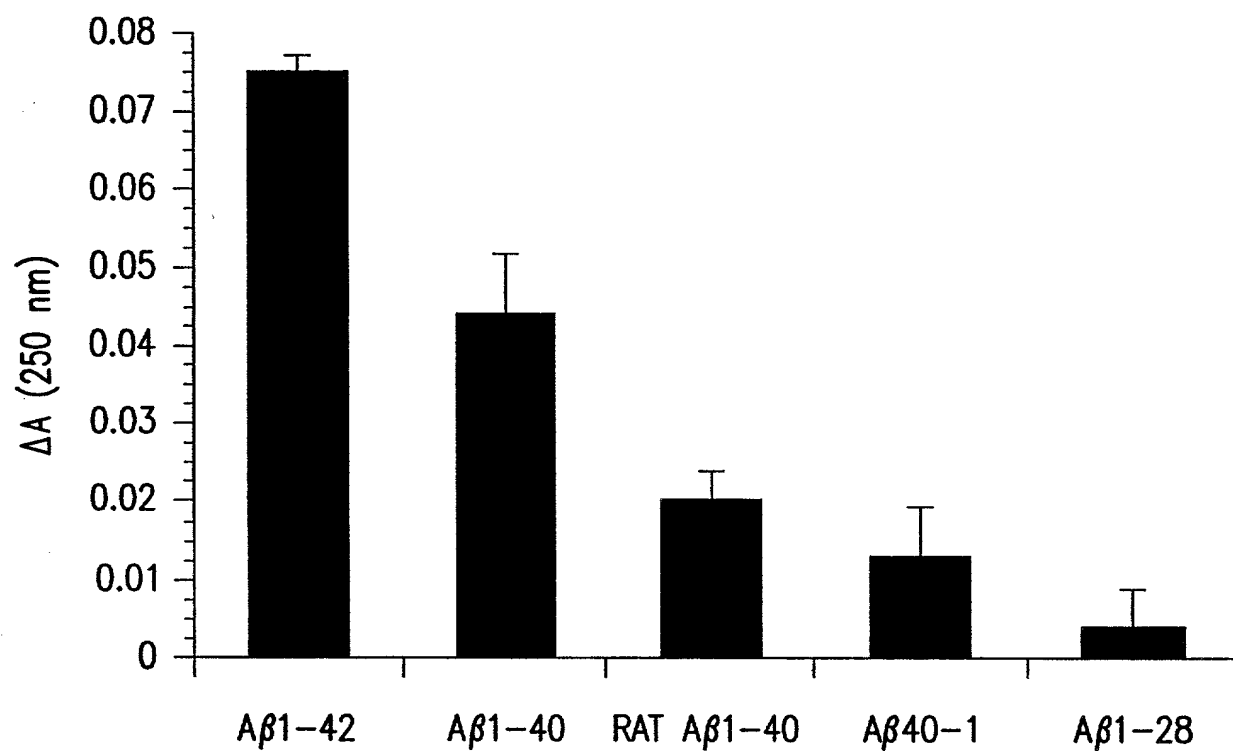


FIG. 15B

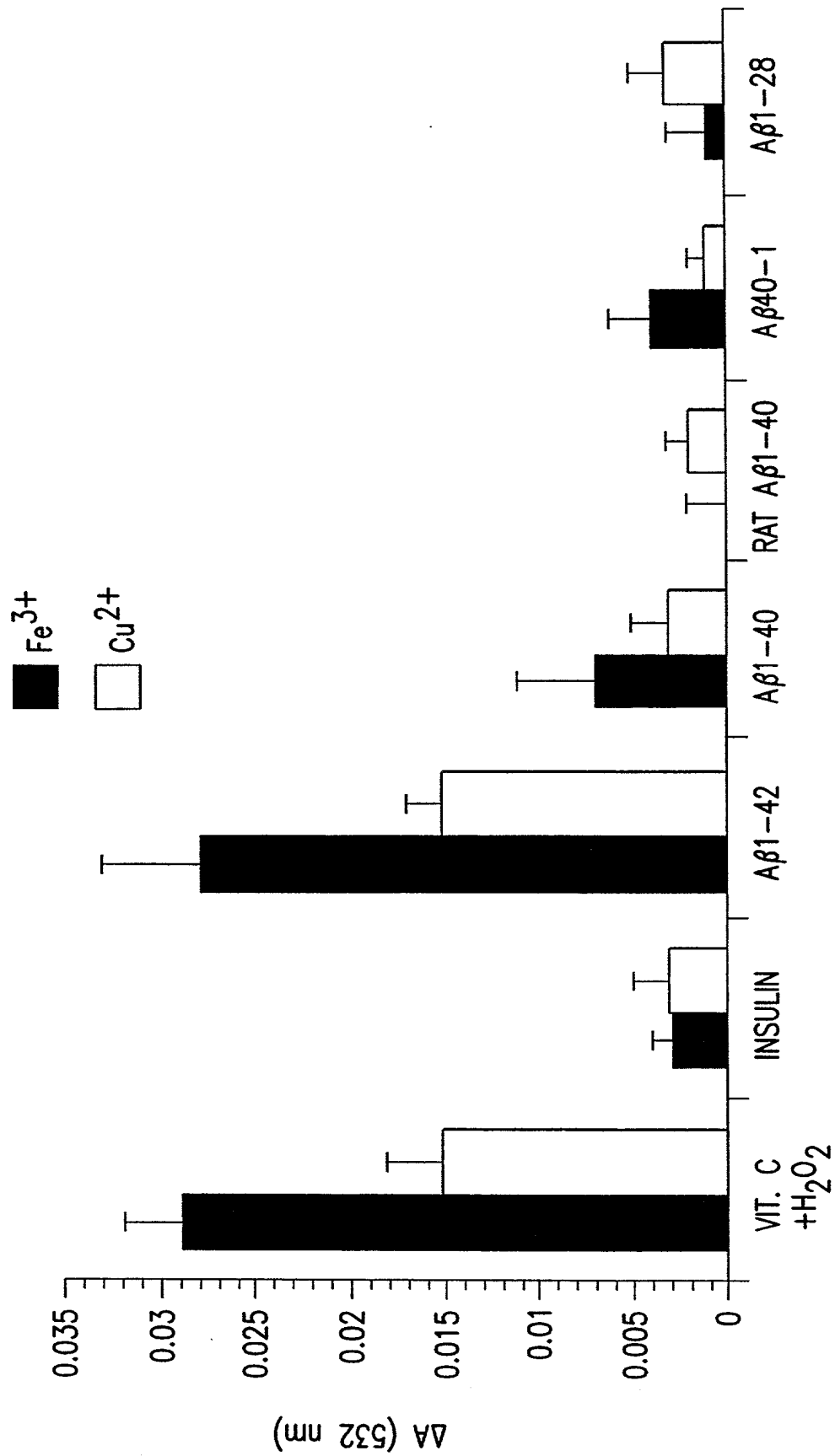


FIG. 16A

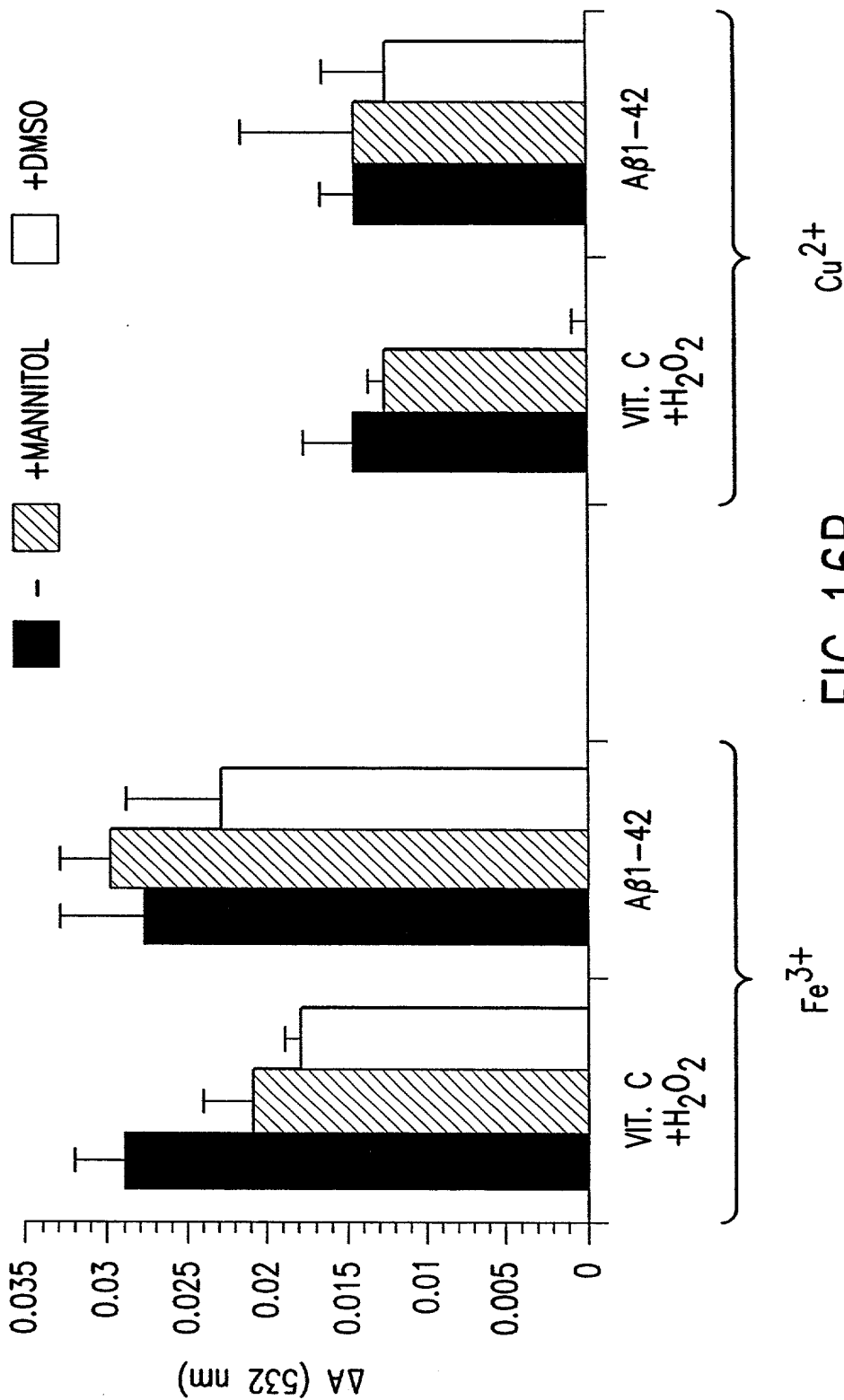


FIG. 16B

206070 08695660

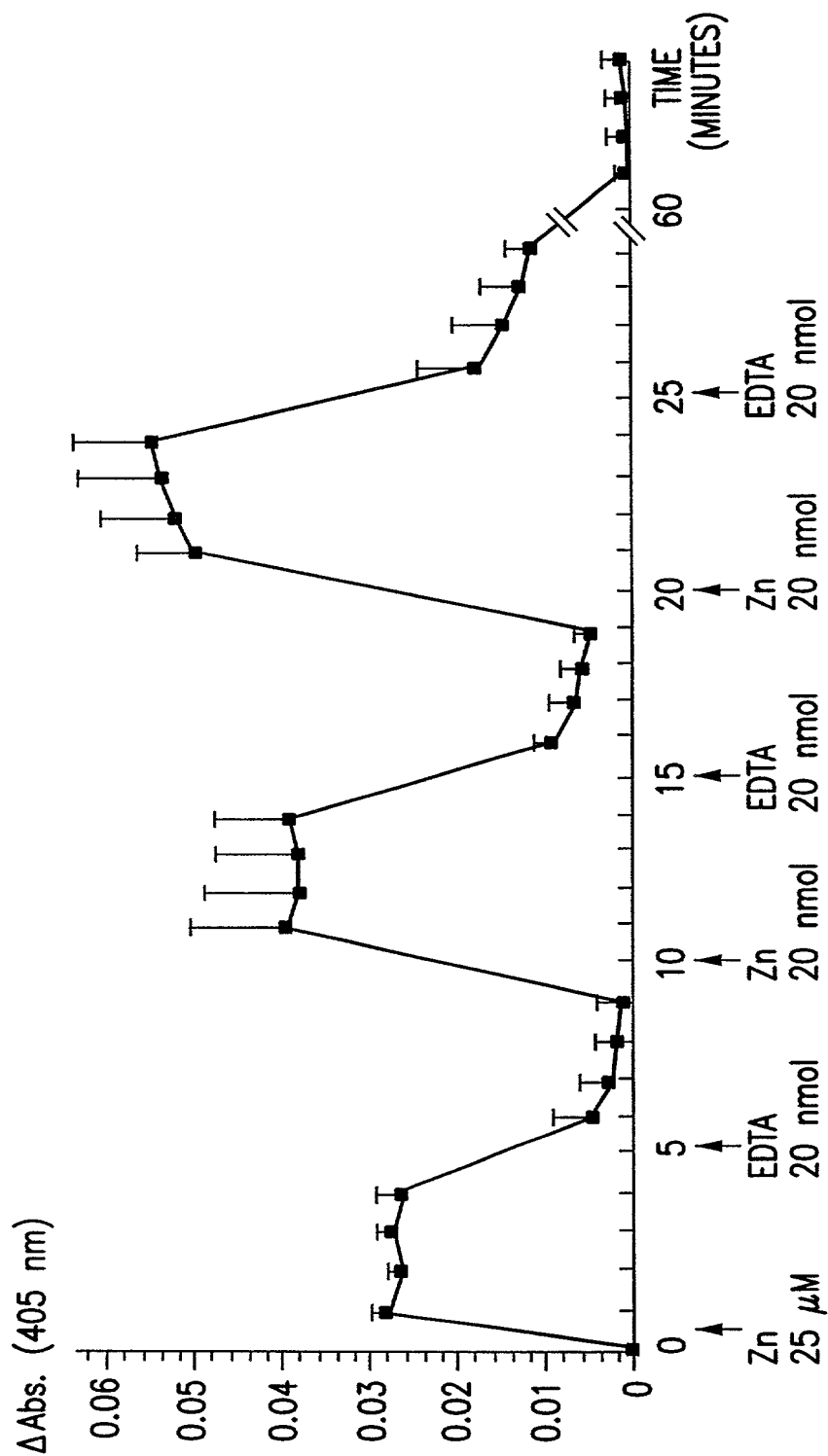


FIG.17

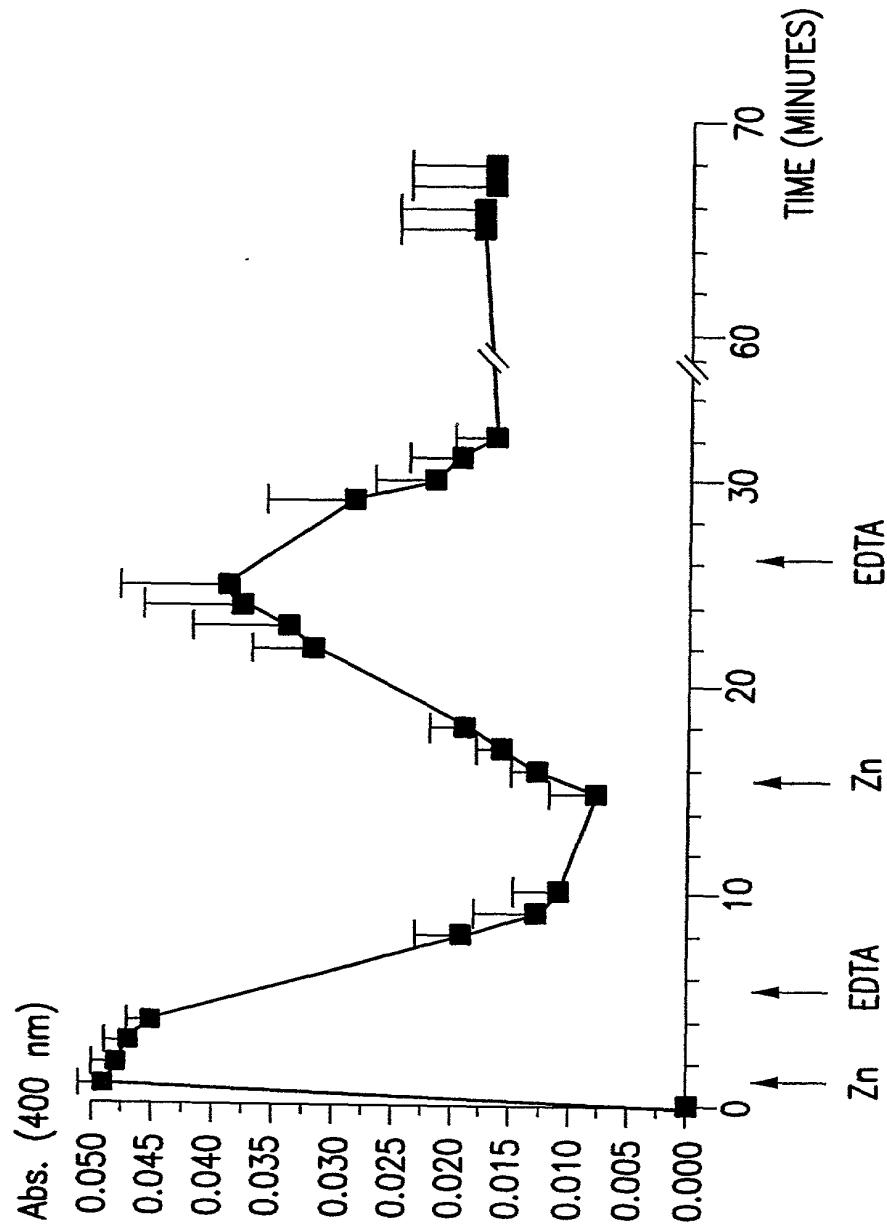


FIG.18

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

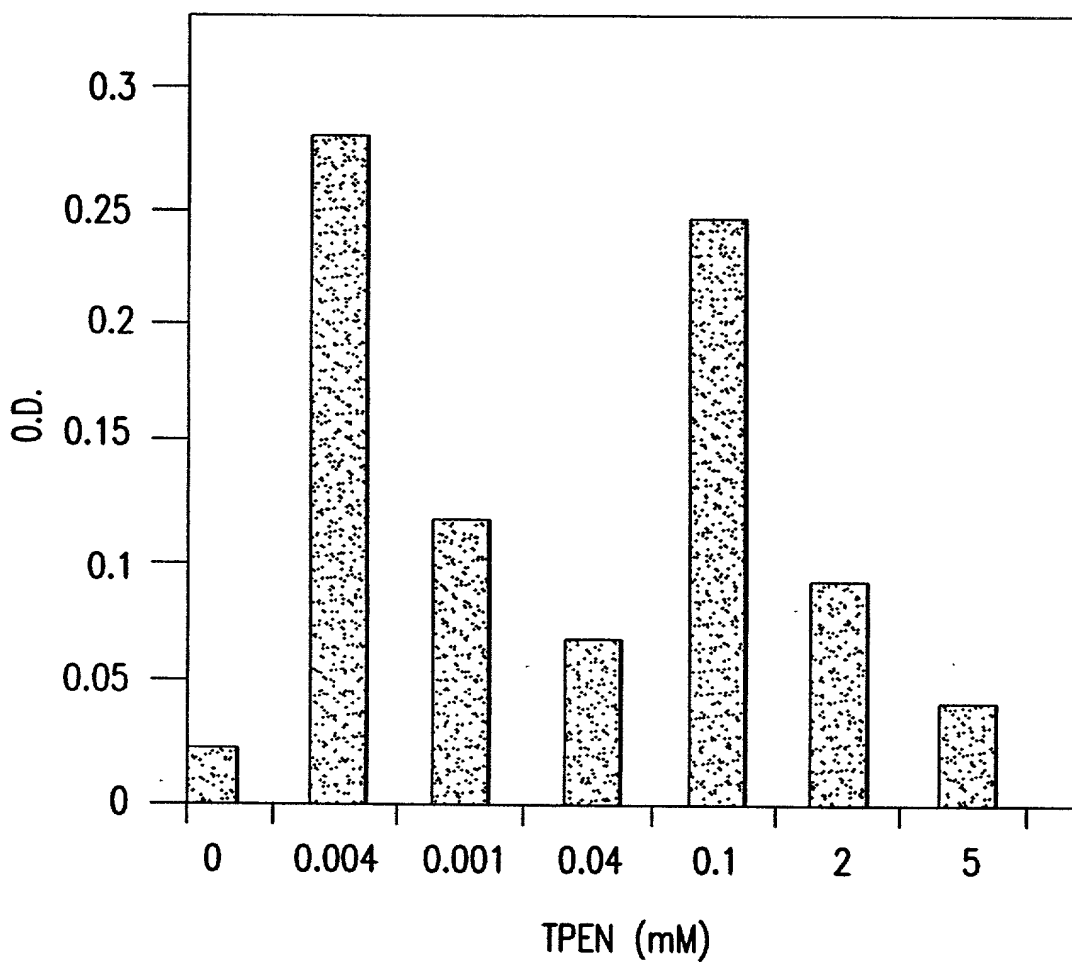
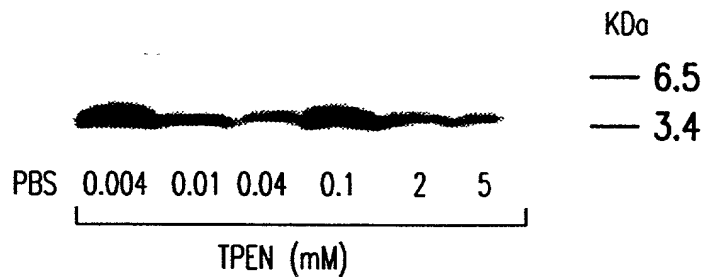


FIG.19A

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

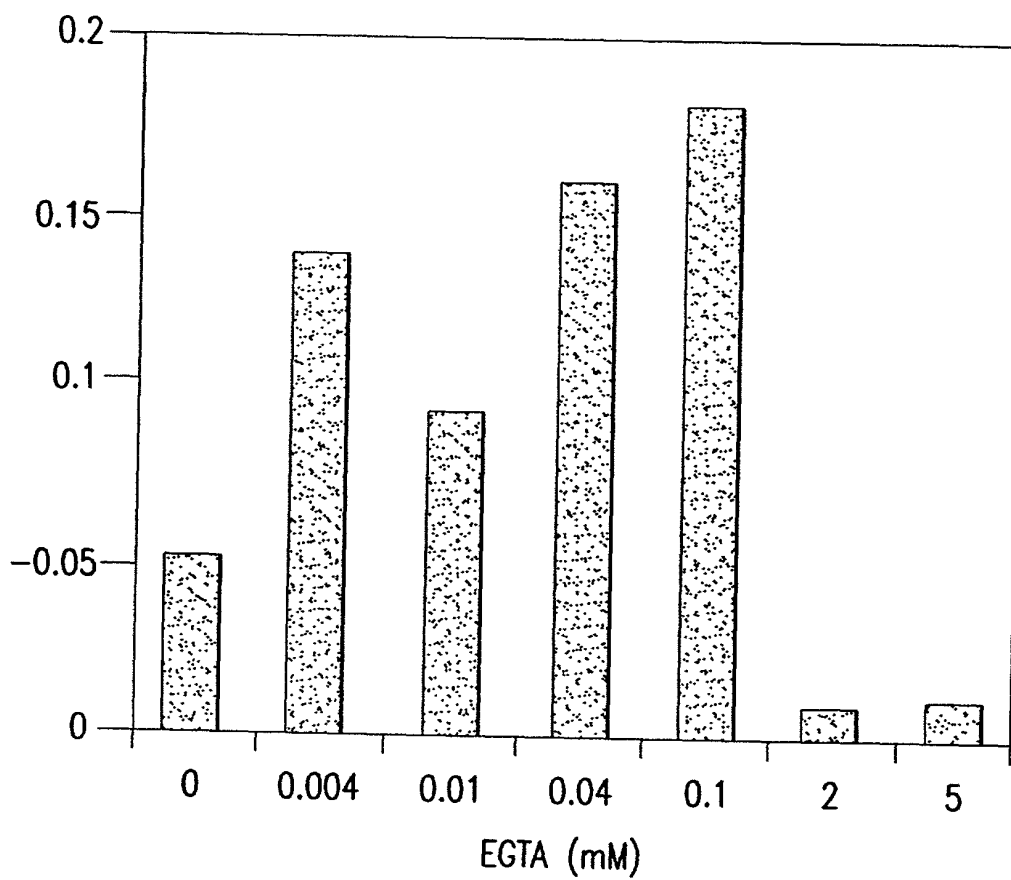
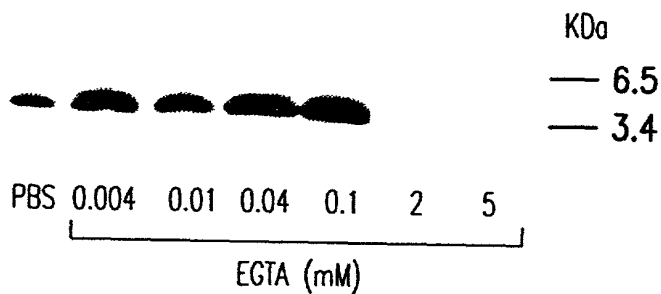


FIG.19B

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

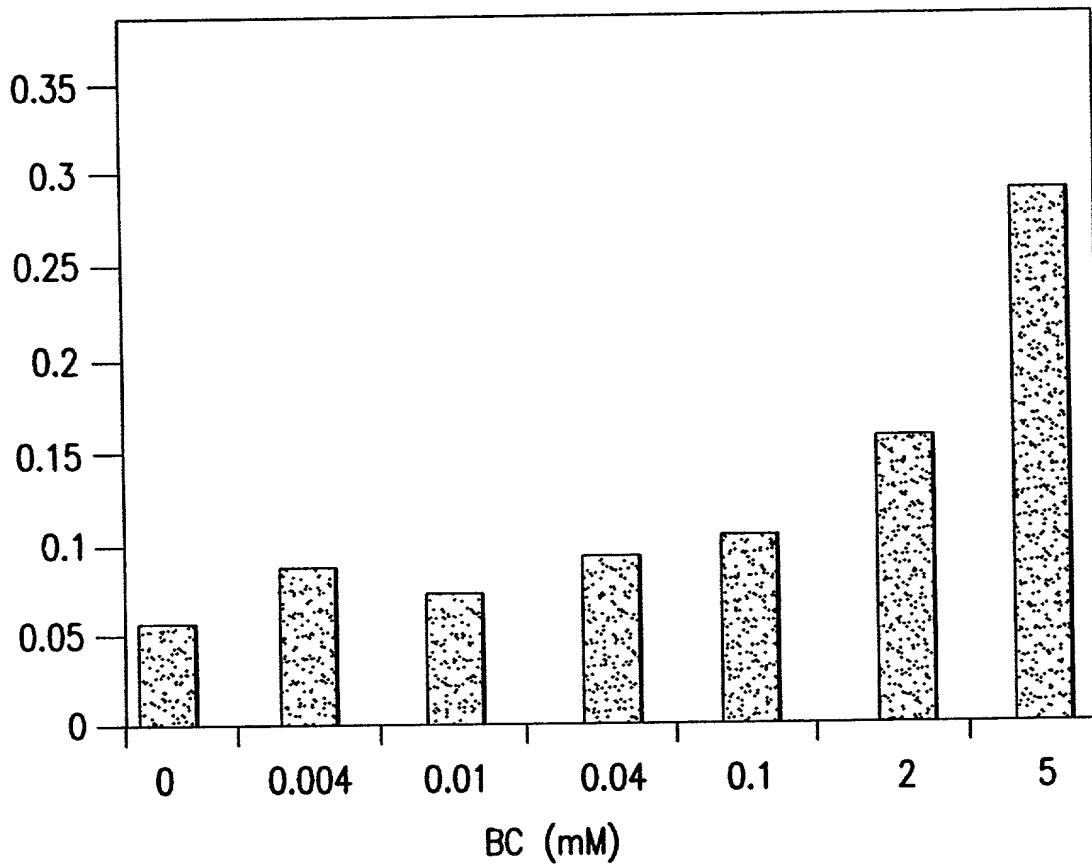
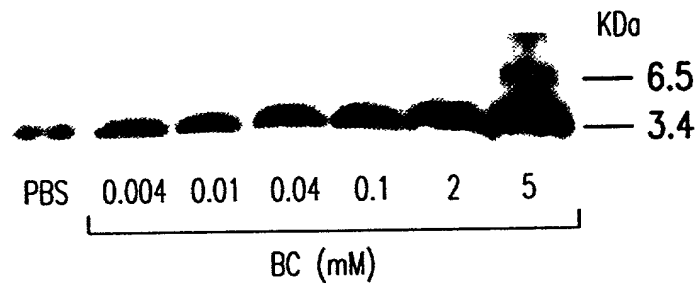
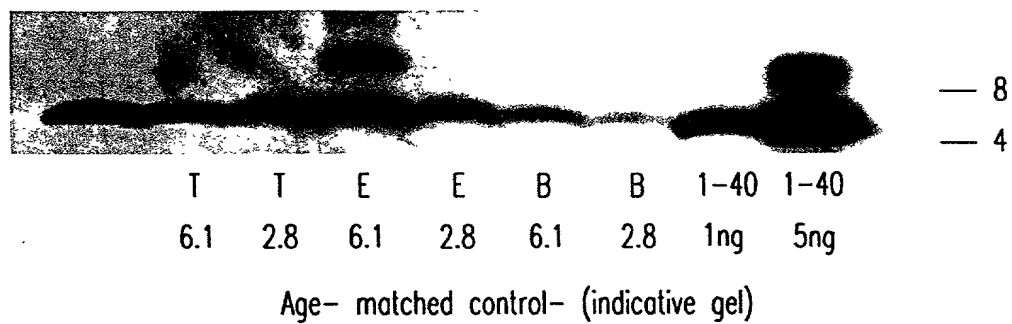


FIG.19C

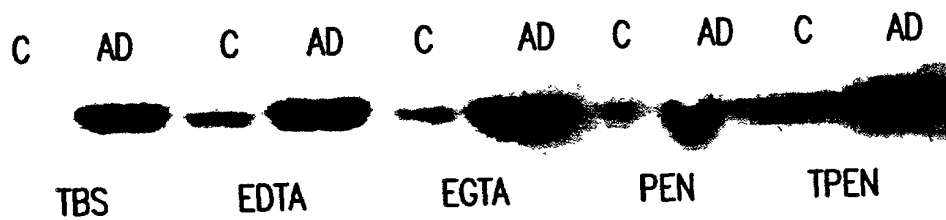
Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease



Age- matched control- (indicative gel)

FIG.20A

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease



Young control vs AD, various chelators 5mM

FIG.20B

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

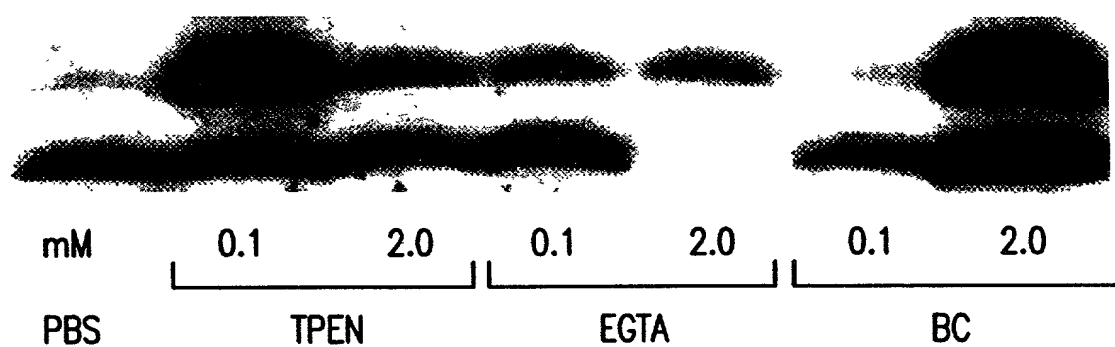


FIG.21

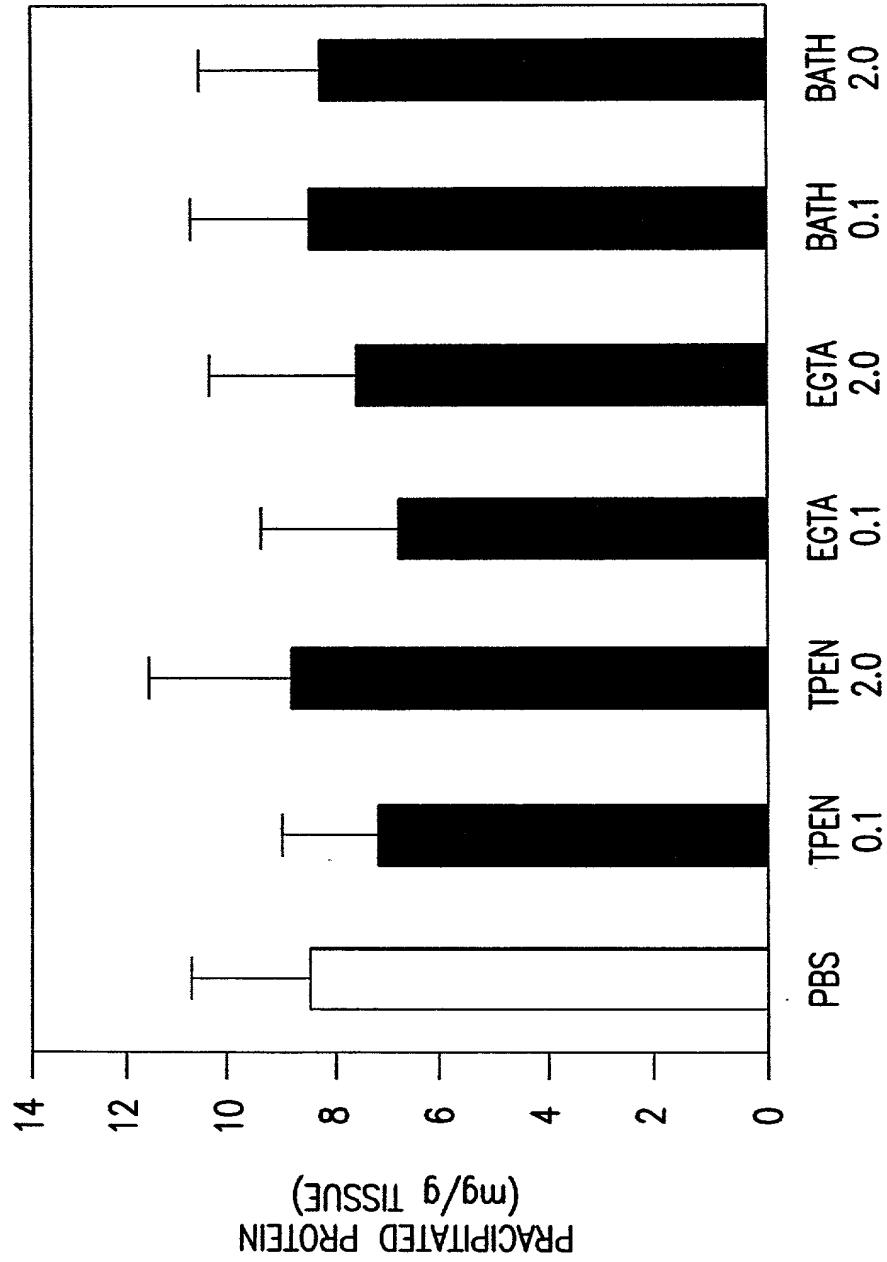


FIG.22

206070-0863560

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

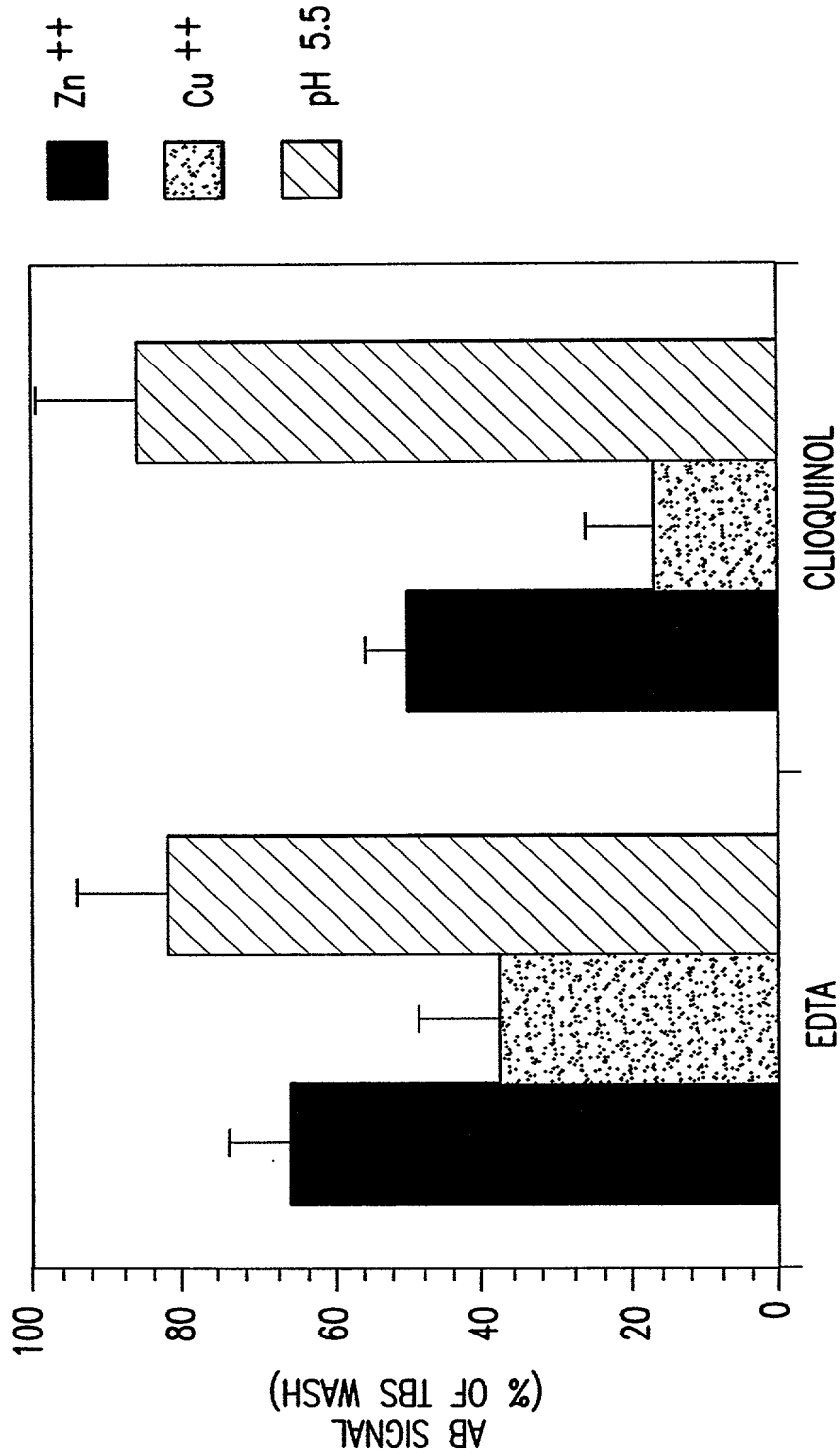


FIG.23

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al* ; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

Brain specimen #1



Brain specimen #2

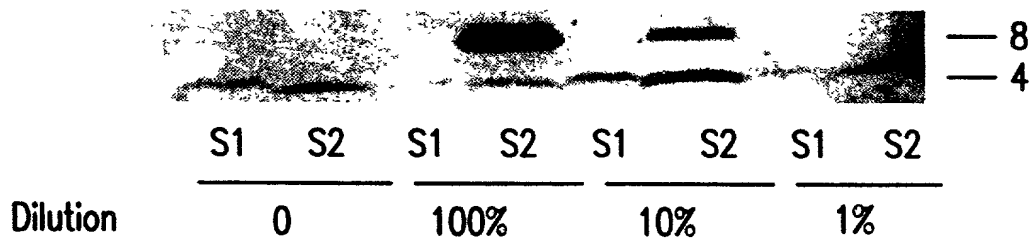


FIG.24

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease

20060707 08595660

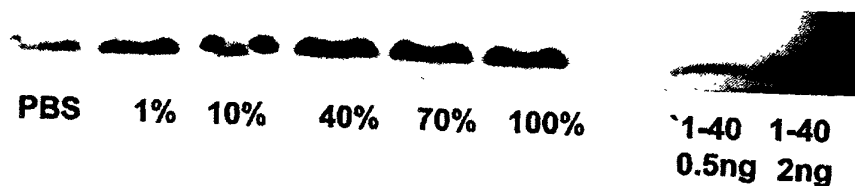


FIG.25A

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

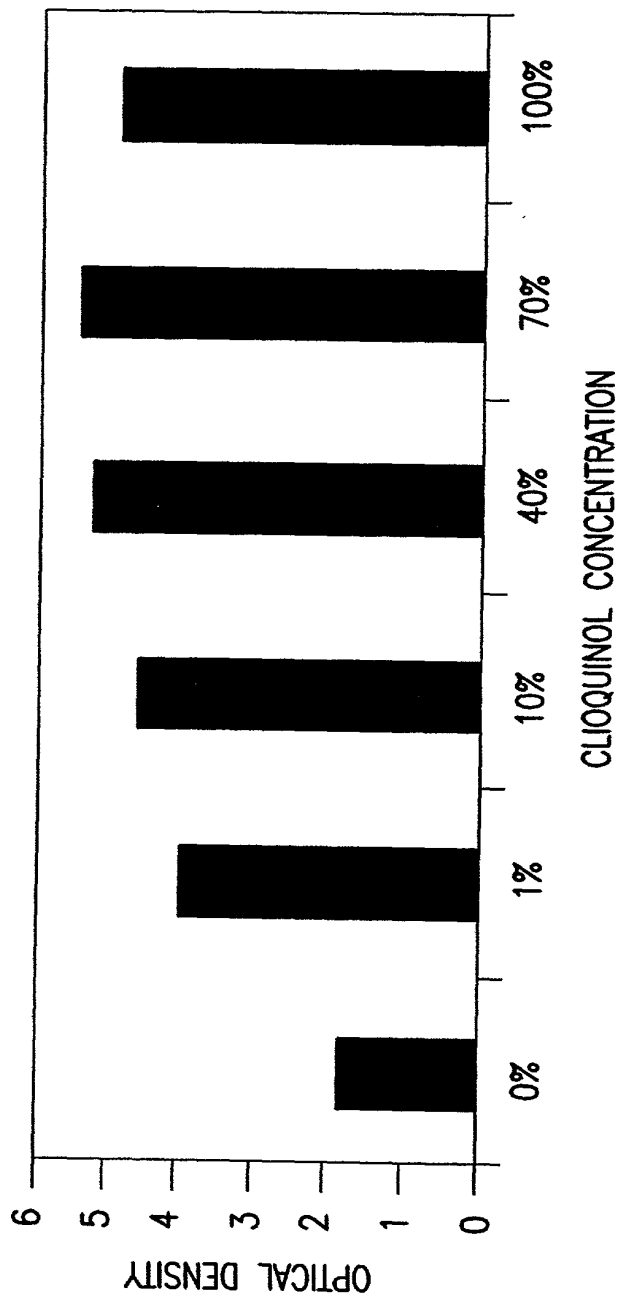


FIG.25B

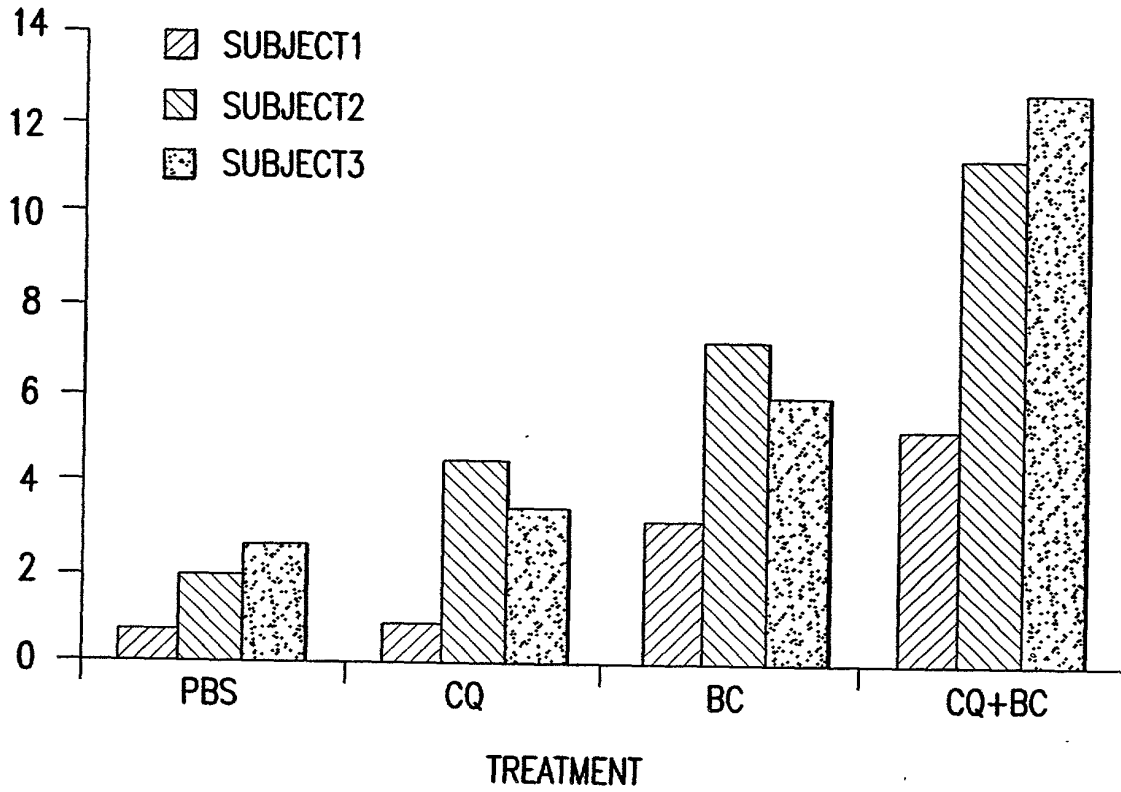


FIG.26

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease

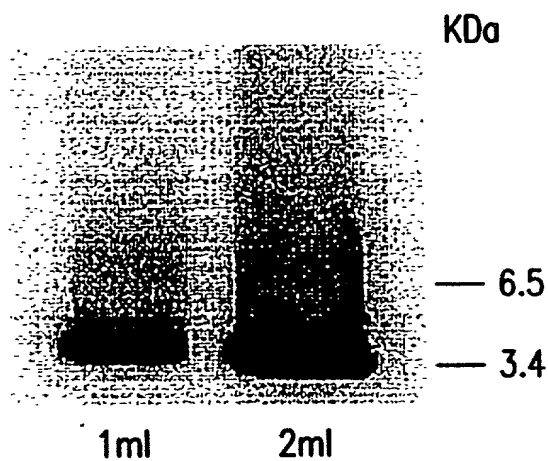


FIG.27

0609.4550001

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

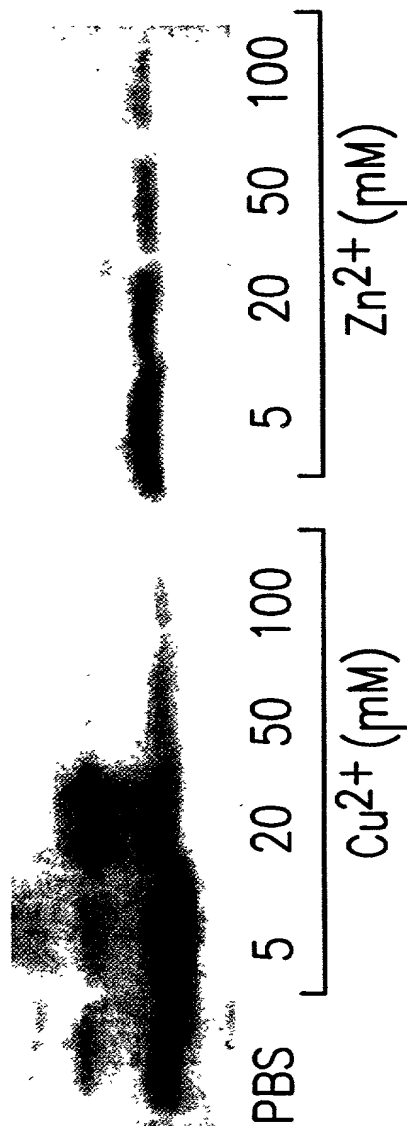
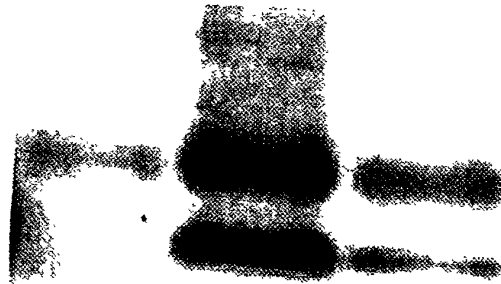


FIG.28A

Appl. No. 09/956,980; Group Art Unit: 1614
Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
Inventor(s): Bush *et al.*; Tel: 202/371-2600
Title: Agents for Use in the Treatment of Alzheimer's Disease

206070" 08695660



PBS Mg²⁺ Ca²⁺

FIG.28B

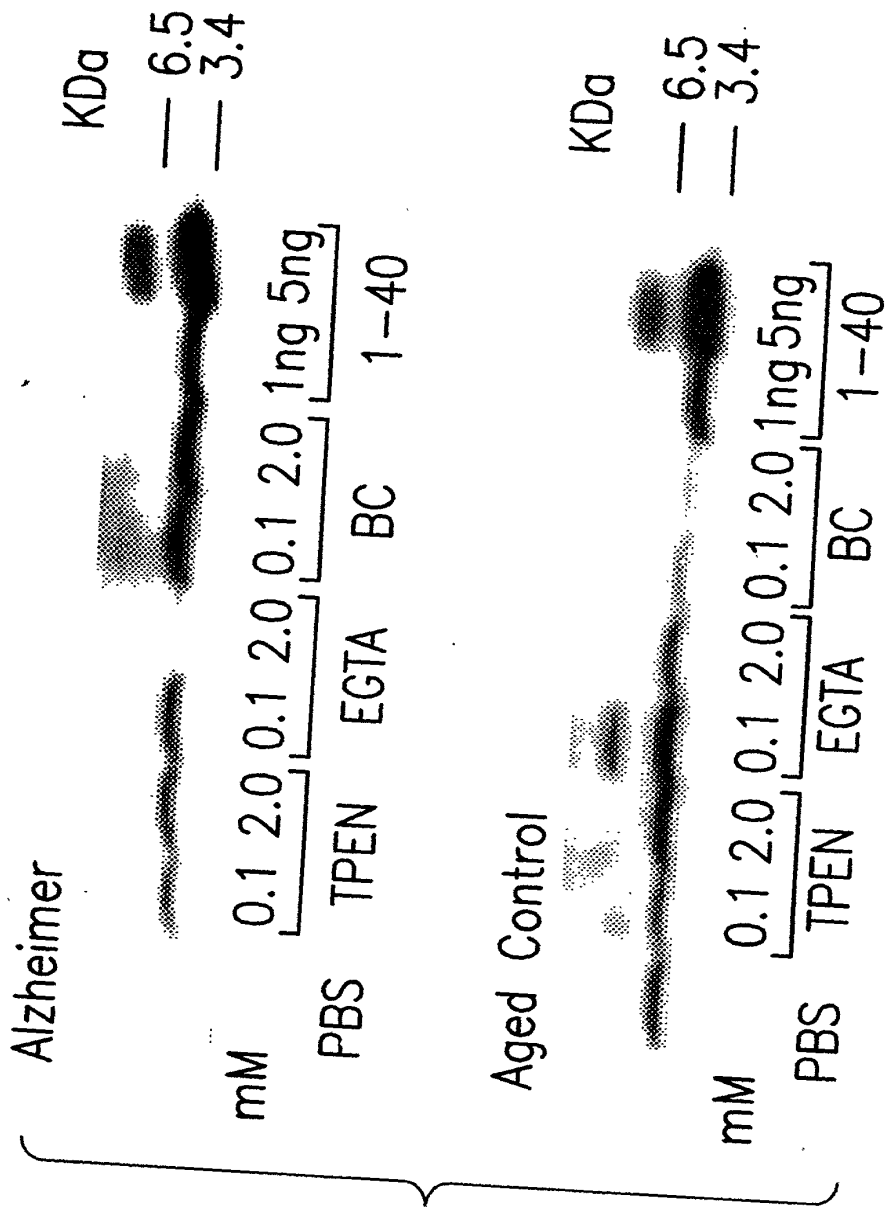


FIG. 29A

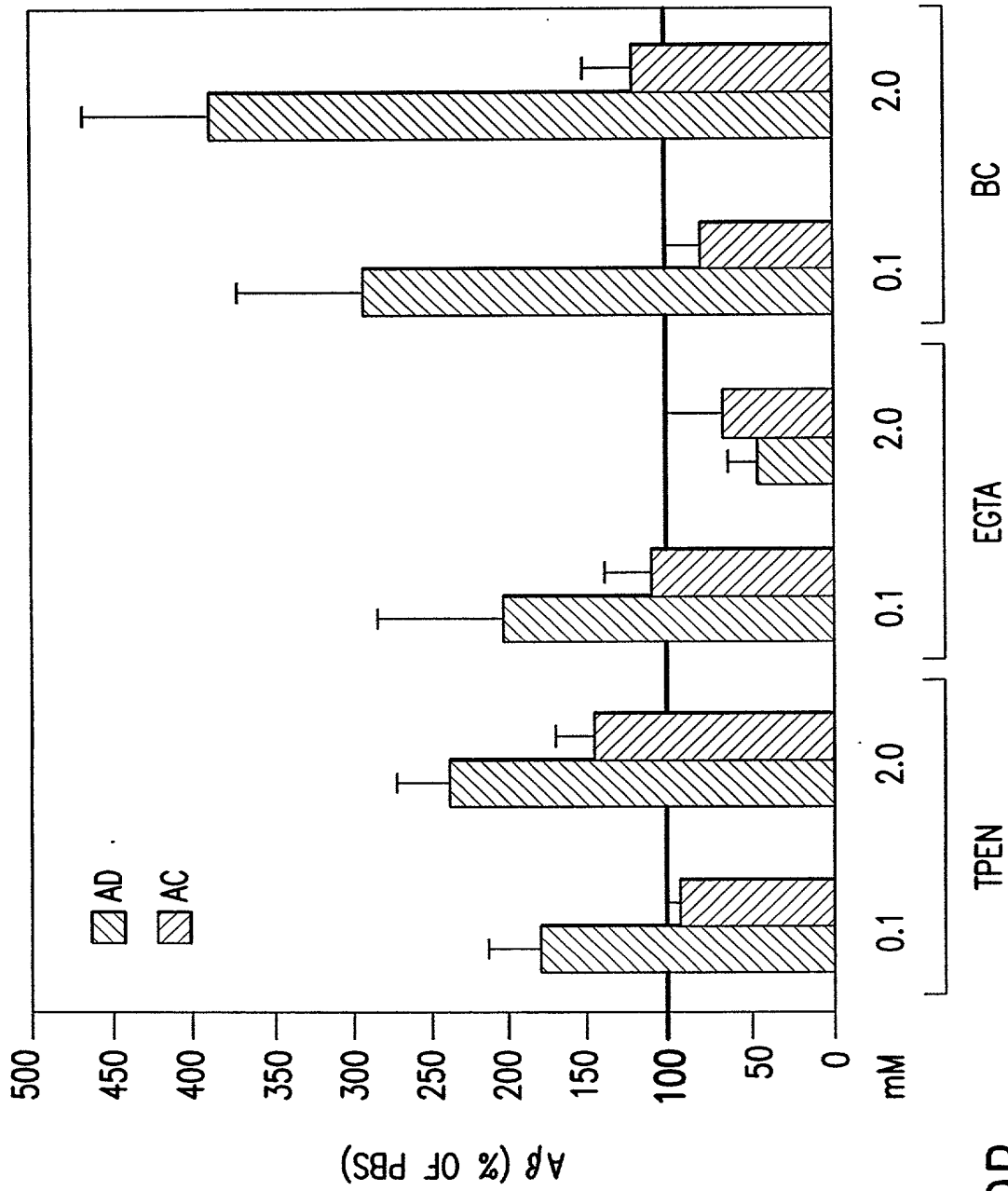


FIG.29B

206070-00695660

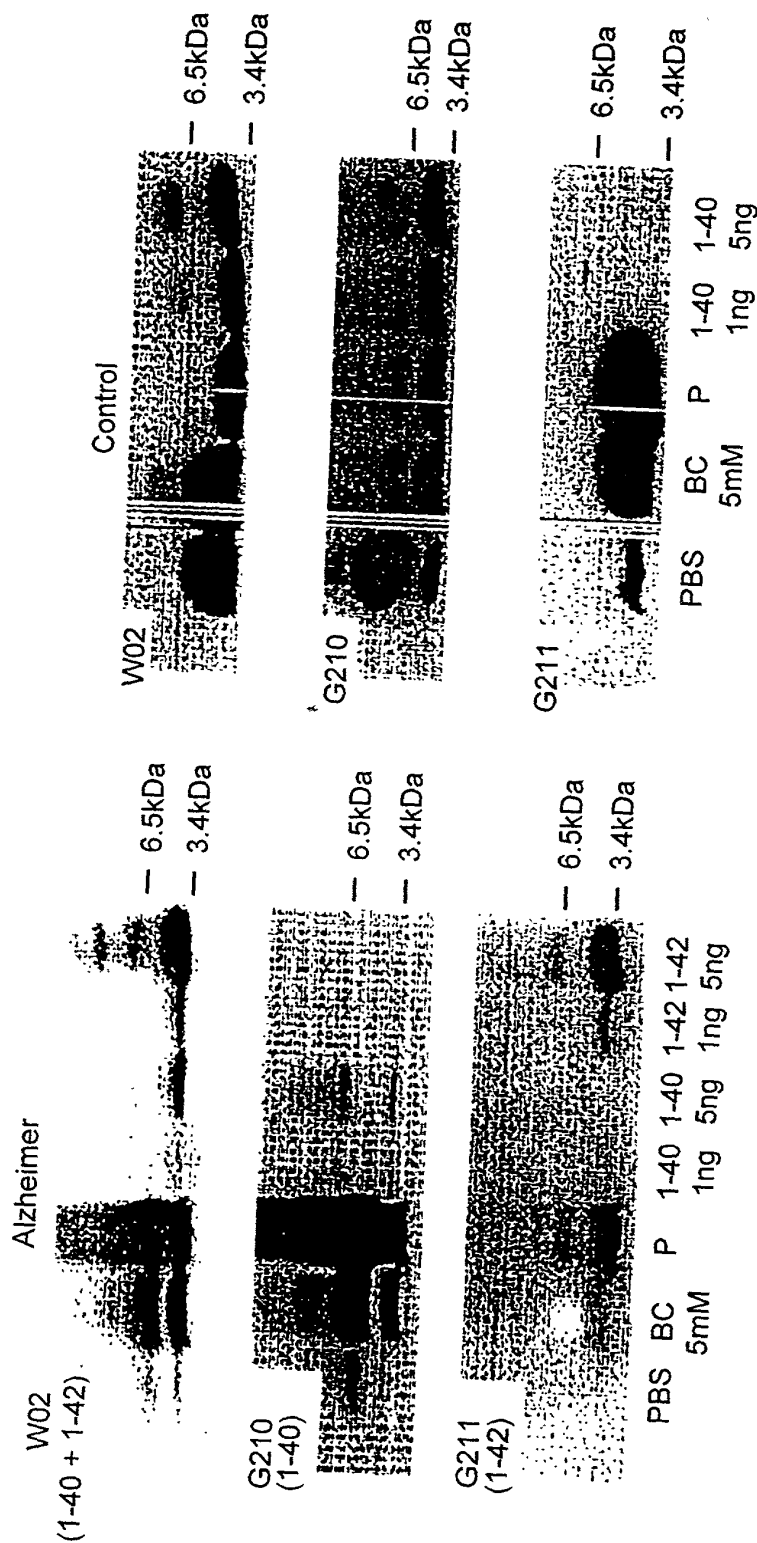
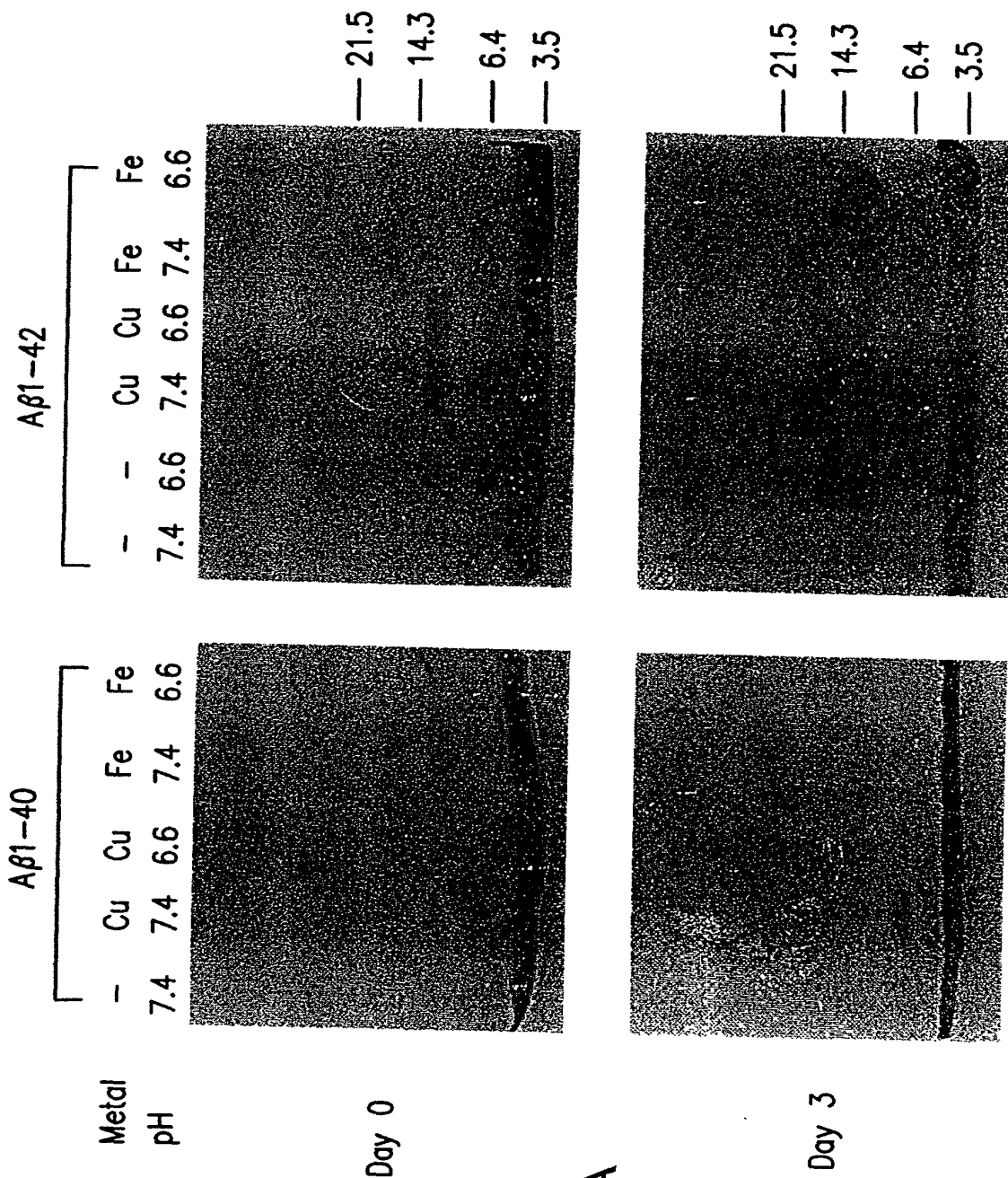


FIG.30

206070-08695660



Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Diseases

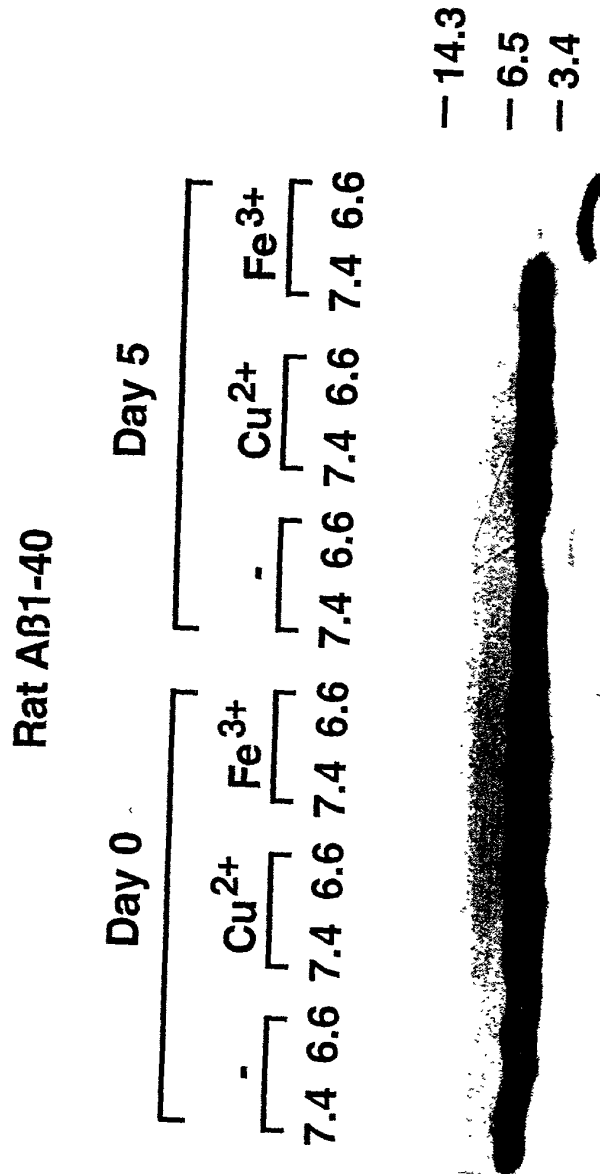


FIG.31B

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

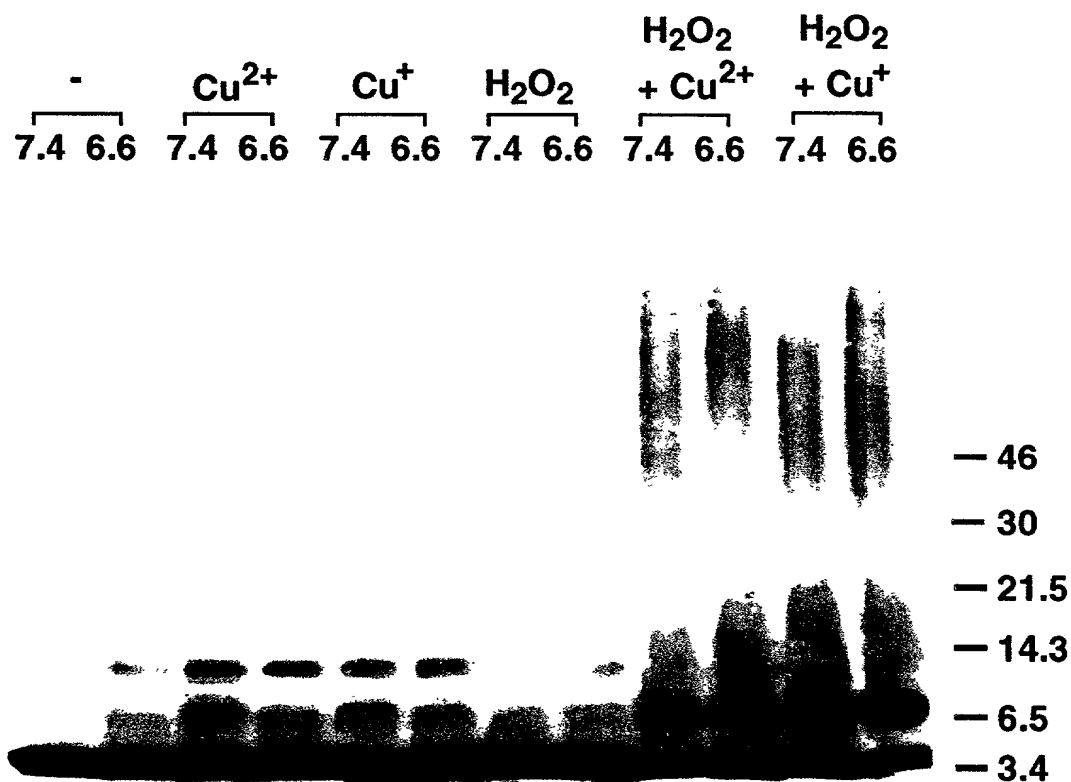


FIG.32A

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

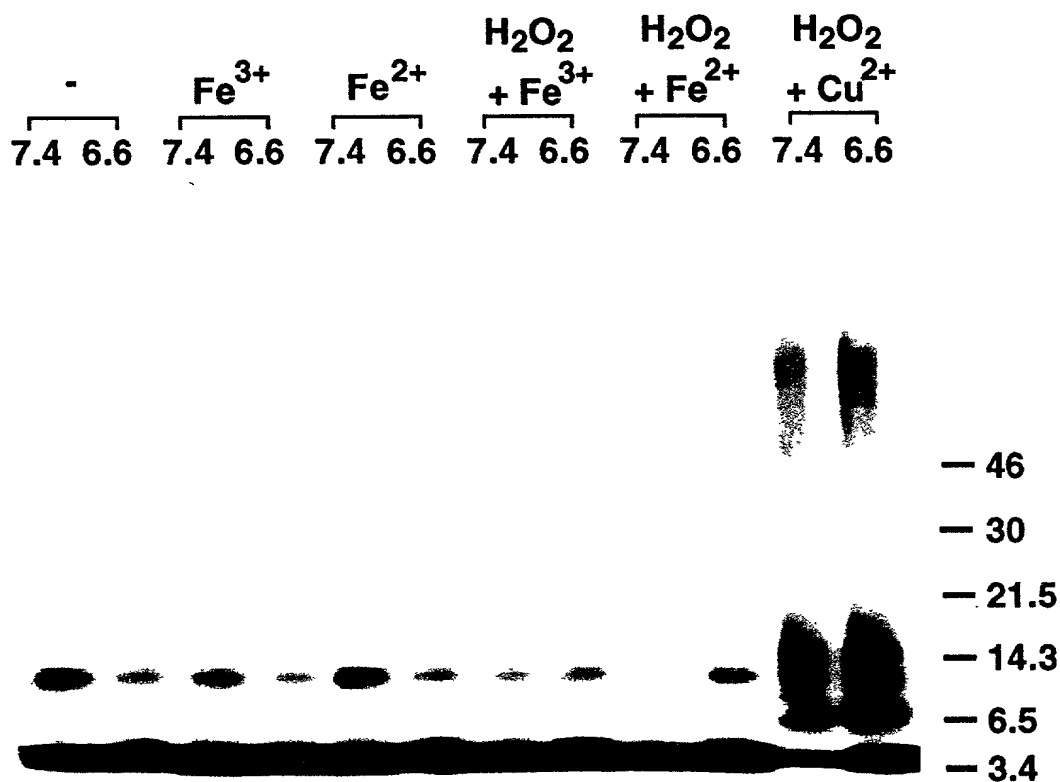


FIG.32B

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

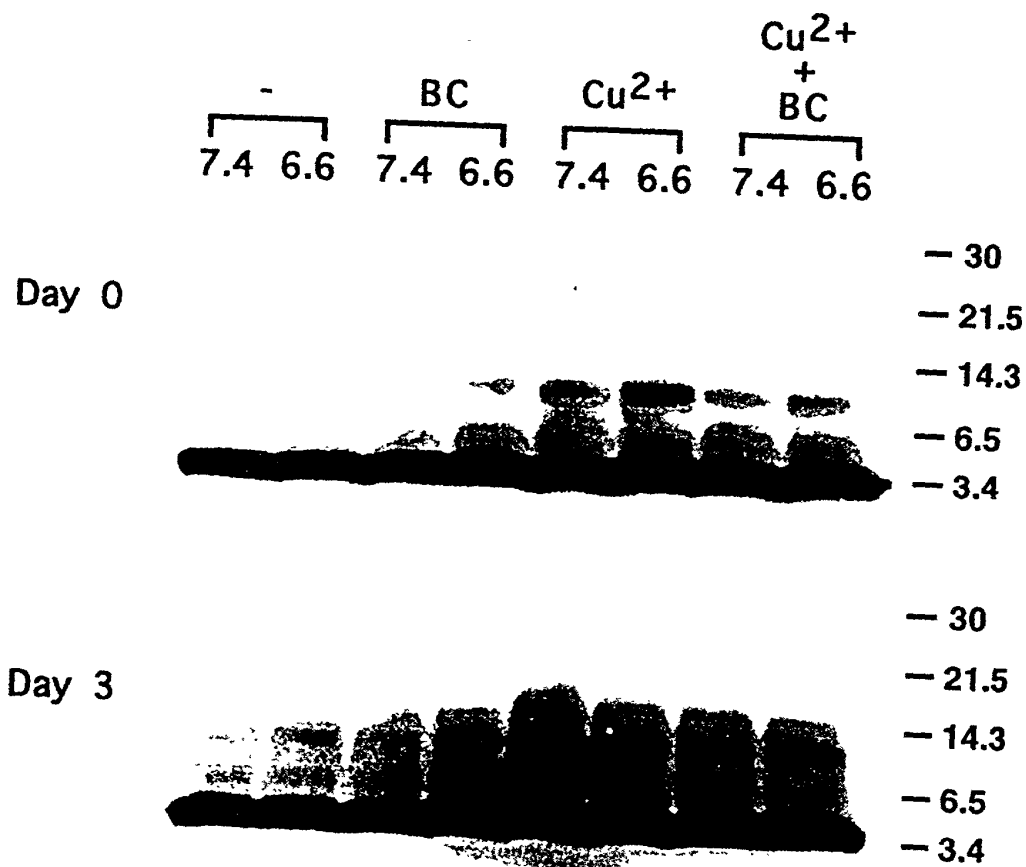


FIG.32C

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s); Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

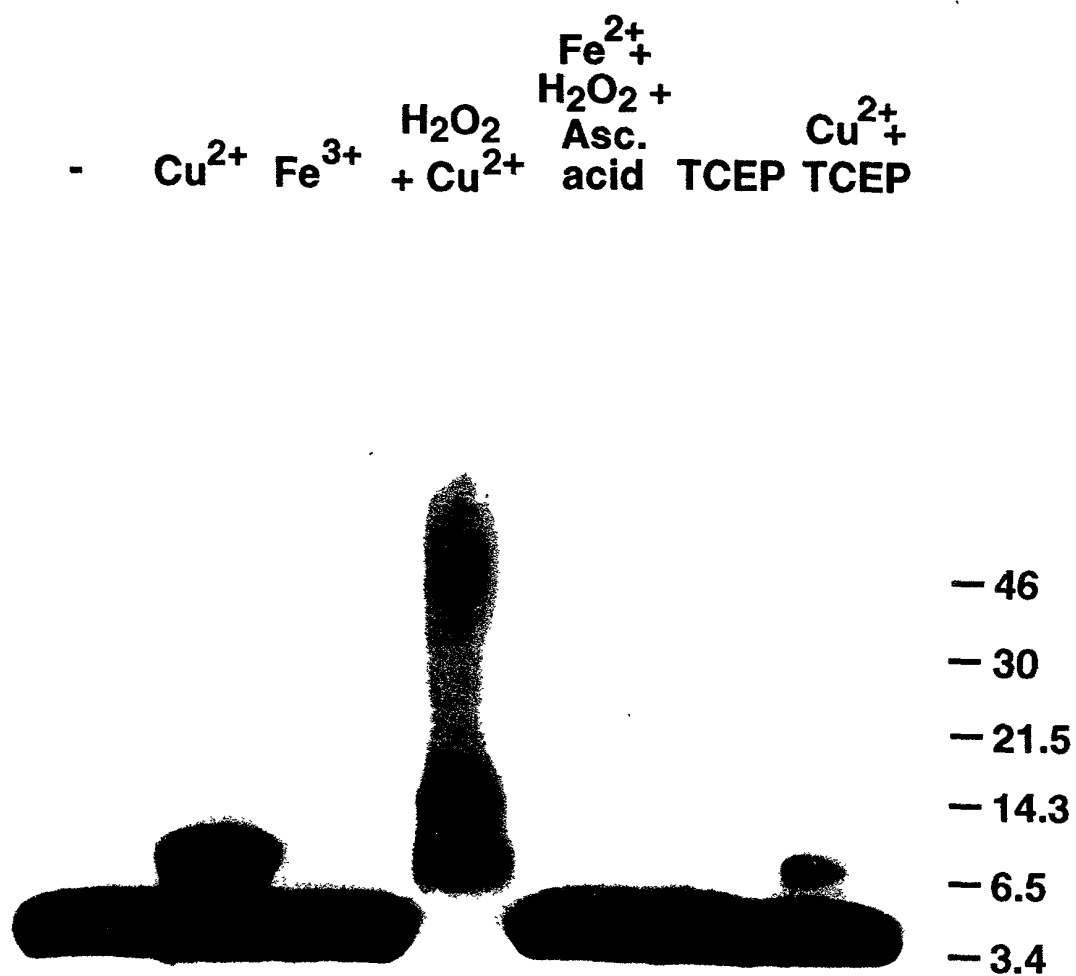


FIG.33A

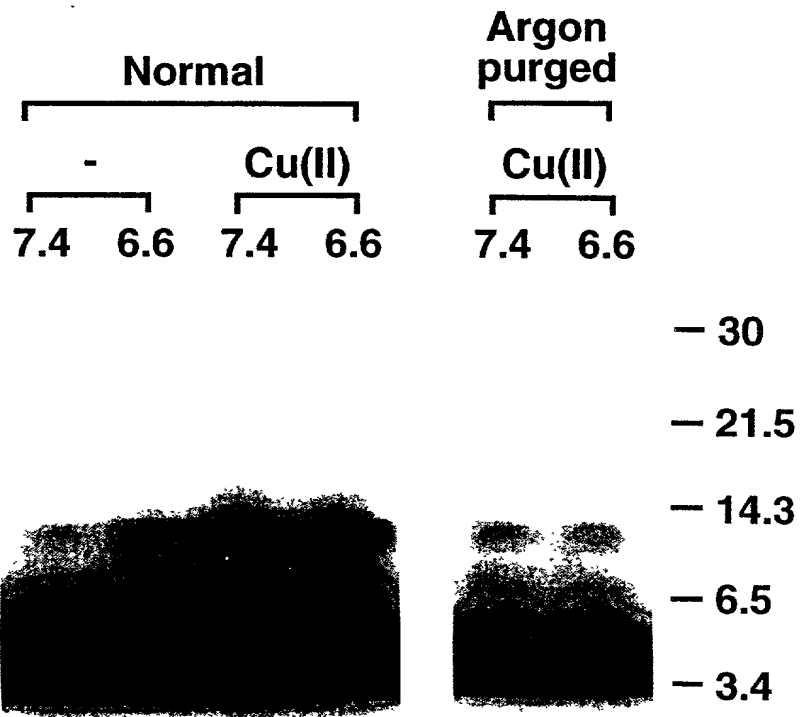
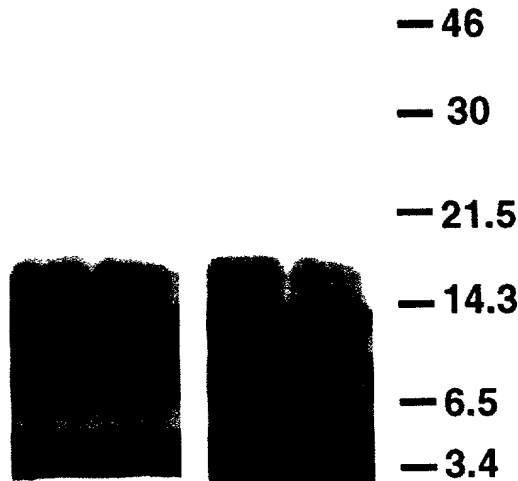
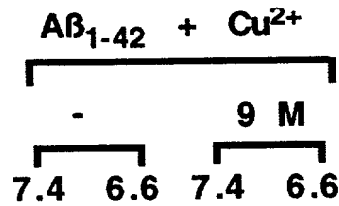


FIG.33B

206010-08695660

Polymerization
 reaction

Urea



Polymerization
 reaction

Urea

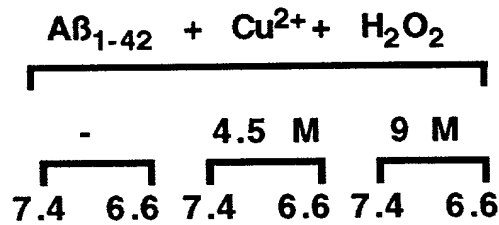


FIG.34A

Appl. No. 09/956,980; Group Art Unit: 1614
 Dkt. No. 0609.4550001/JAG/FRC; Batch No.: N/A
 Inventor(s): Bush *et al.*; Tel: 202/371-2600
 Title: Agents for Use in the Treatment of Alzheimer's Disease

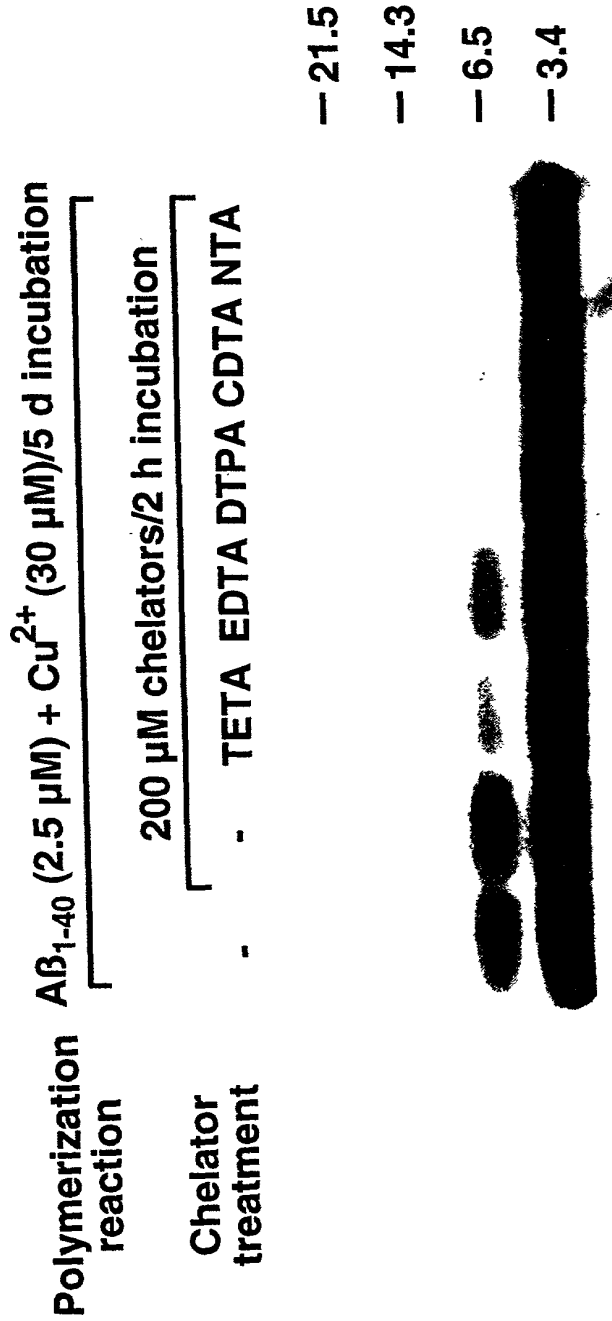


FIG. 34B

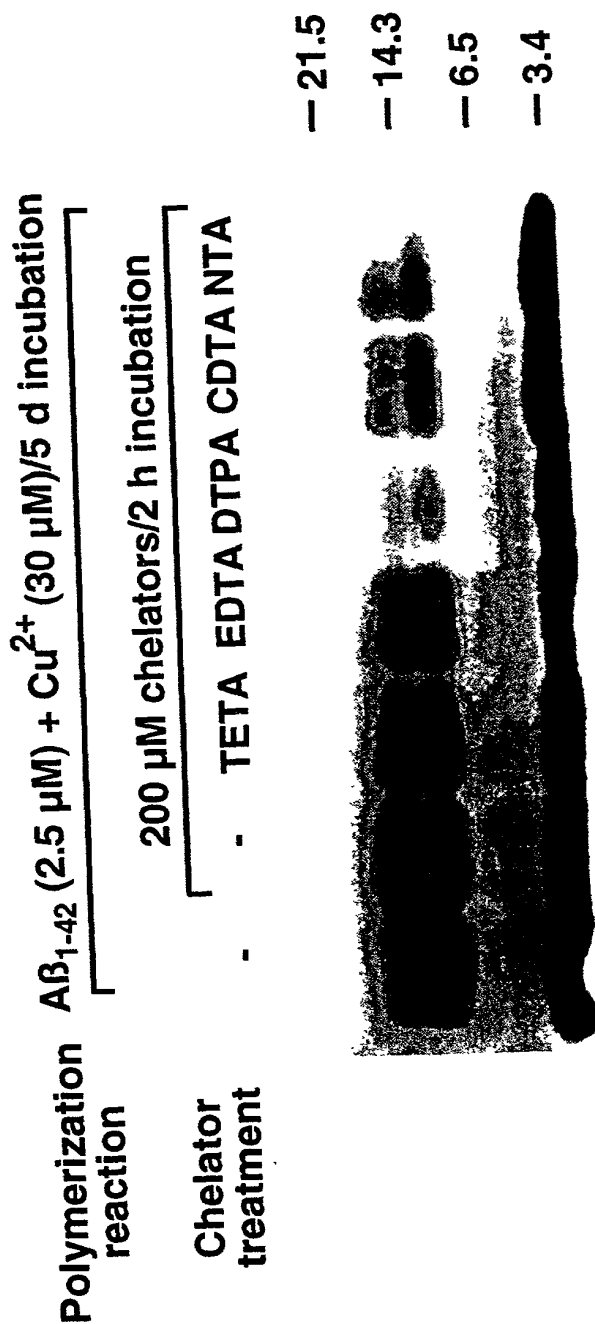


FIG.34C

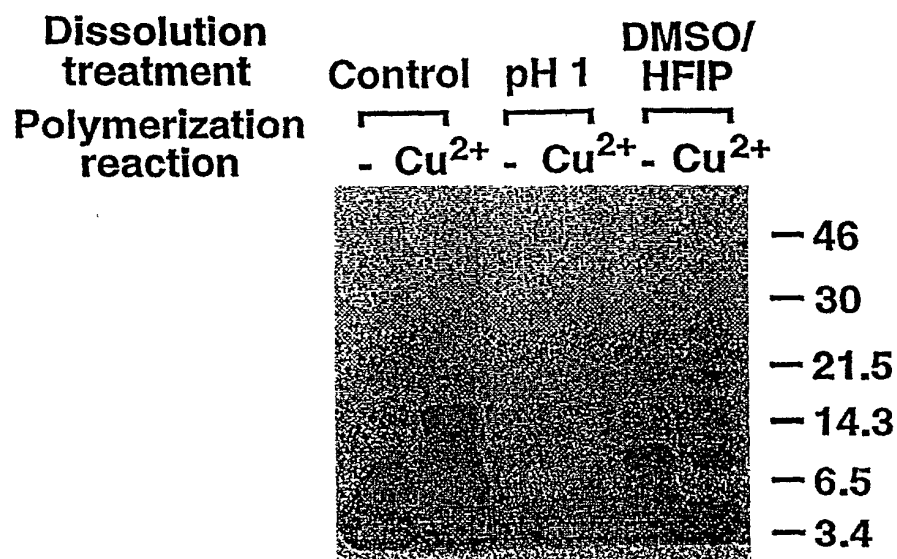


FIG.34D

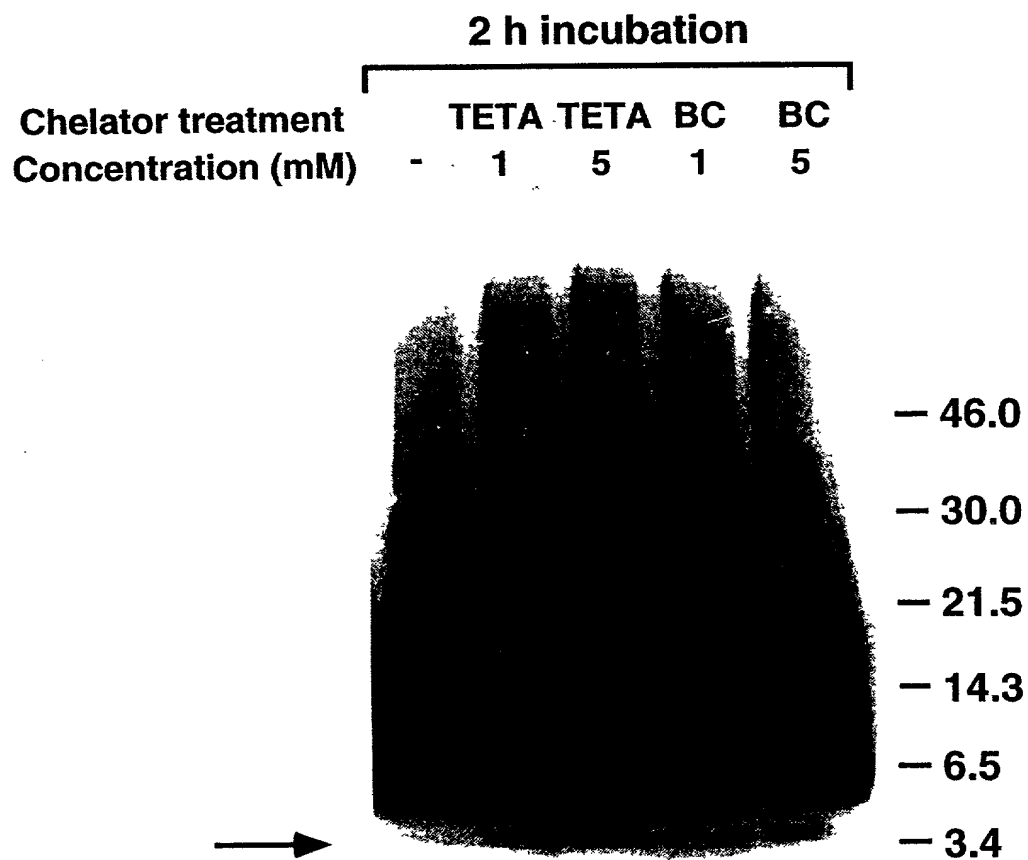


FIG.34E